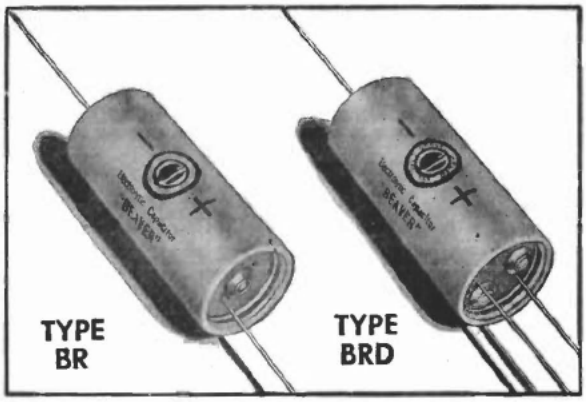
CORNELL DUBILIER

TUBULAR CAN-TYPE DRY ELECTROLYTIC CAPACITORS



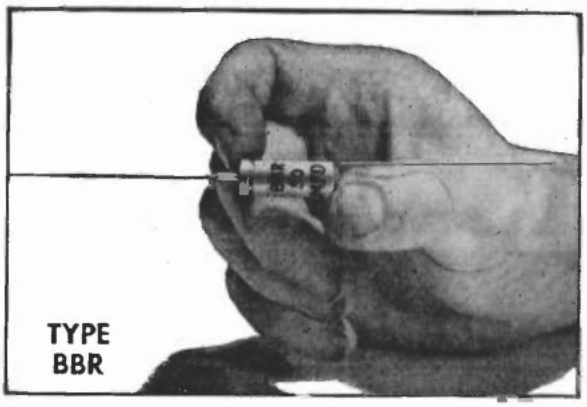
"BLUE BEAVER"* CAPACITORS

Types BR and BRD "Blue Beavers" are the most popular electrolytic capacitors employed for all applications where units are required for convenient mounting in small spaces beneath a chassis or connected directly in the wiring assembly. They are small in physical size and self-supporting by means of strong, bare tinned-copper wire leads, while the larger sizes may be mounted with a metal strap.

Cat. No.	Cap. Mfd.	Size—Inches Diam. x Length	List Price	Net Price
		25 V. D.C.		
BR 102A	10	5/8 x 1 1/16	$ .75	**$ .45**
BR 202A	20	5/8 x 1 1/16	.80	.48
BR 252A	25	5/8 x 1 1/16	.85	.51
BR 502A	50	5/8 x 1 1/16	.95	.57
		50 V. D.C.		
BR 550	5	5/8 x 1 1/16	.75	.45
BR 105	10	5/8 x 1 1/16	.80	.48
BR 205A	20	5/8 x 1 1/16	.85	.51
BR 255A	25	5/8 x 1 1/16	.90	.54
BR 505	50	5/8 x 1 11/16	1.05	.63
		150 V. D.C.		
BR 415	4	5/8 x 1 1/16	.75	.45
BR 815	8	5/8 x 1 1/16	.80	.48
BR 1015	10	5/8 x 1 1/16	.80	.48
BR 1215	12	5/8 x 1 7/16	.85	.51
BR 1615	16	5/8 x 1 7/16	.90	54
BR 2015A	20	5/8 x 1 7/16	.95	.57
BR 2515	25	3/4 x 1 7/16	.95	.57
BR 3015A	30	3/4 x 1 7/16	1.00	.60
BR 4015A	40	3/4 x 1 11/16	1.10	.66
BR 5015A	50	7/8 x 1 13/16	1.20	.72
BR 6015	60	7/8 x 2	1.30	.78
BR 8015A	80	7/8 x 2	1.45	.87
		250 V. D.C.		
BR 425	4	5/8 x 1 1/16	.80	.48
BR 825	8	5/8 x 1 7/16	.80	.48
BR 1225A	12	5/8 x 1 11/16	1.00	.60
BR 1625	16	3/4 x 1 11/16	1.10	.66
BR 2025	20	3/4 x 1 11/16	1.20	.72
BR 3025A	30	7/8 x 1 11/16	1.30	.78
BR 4025A	40	7/8 x 2	1.40	.84
BR 5025	50	1 x 2	1.50	.90
		350 V. D.C.		
BR 435	4	5/8 x 1 7/16	.85	.51
BR 835A	8	5/8 x 1 11/16	.90	.54
BR 1235A	12	3/4 x 1 11/16	1.05	.63
BR 1635A	16	7/8 x 1 11/16	1.20	.72
BR 2035A	20	7/8 x 1 11/16	1.30	.78
BR 3035	30	1 x 2	1.40	.84
BR 4035	40	1 x 2 1/2	1.50	.90
		450 V. D.C.		
BR 145	1	5/8 x 1 1/16	.80	.48
BR 245	2	5/8 x 1 1/16	.85	.51
BR 445	4	5/8 x 1 7/16	.90	.54
BR 845A	8	3/4 x 1 7/16	.95	.57
BR 1045A	10	3/4 x 1 11/16	1.05	.63
BR 1245A	12	3/4 x 1 11/16	1.15	.69
BR 1645A	16	7/8 x 2	1.35	.81
BR 2045A	20	7/8 x 2	1.50	.90
BR 3045A	30	1 x 2 1/2	1.65	.99
BR 4045A	40	1 x 2 1/2	2.00	**1.20**
		500 V. D.C.		
BR 450A	4	5/8 x 1 11/16	1.20	.72
BR 850A	8	3/4 x 1 11/16	1.30	.78
BR 1650A	16	1 x 2	2.00	**1.20**
BR 2050A	20	1 x 2	2.40	**1.44**
BR 3050A	30	1 x 2 1/4	2.75	**1.65**

For cardboard tube electrolytic units, see page 6.

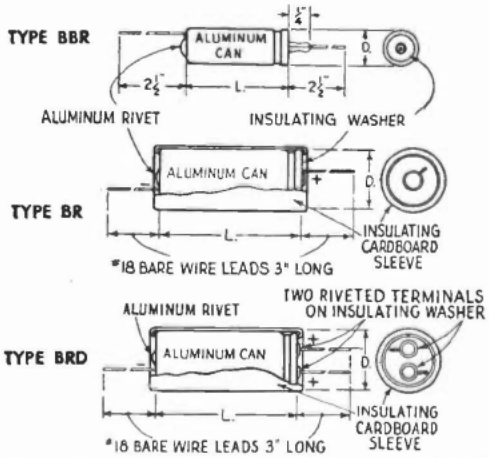
* Reg. U. S. Pat. Off.



MINIATURE TUBULAR CAPACITORS

Type BBR "baby BR-type capacitors" are designed for use in compact apparatus such as hearing aids, pocket radios and other small assemblies. They are hermetically sealed in tubular aluminum containers and ideally suited to meet requirements in low voltage circuits.

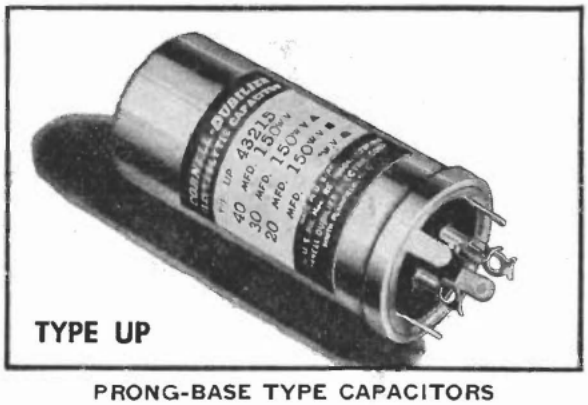
Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Ins. Dia. x Lth.	List Price	Net Price
BBR 50-3	50	3	3/8 x 1 1/16	$1.00	**$.60**
BBR 25-3	25	3	3/8 x 1 1/16	1.00	.60
BBR 50-6	50	6	3/8 x 1 1/16	1.00	.60
BBR 25-6	25	6	3/8 x 1 1/16	1.00	.60
BBR 5-6	5	6	3/8 x 1 1/16	1.00	.60
BBR 20-25	20	25	1/2 x 1 1/16	1.00	.60
BBR 10-25	10	25	3/8 x 1 1/16	1.00	.60
BBR 10-50	10	50	1/2 x 1 1/16	1.00	.60
BBR 5-50	5	50	3/8 x 1 1/16	1.00	.60
BBR 10-90	10	90	1/2 x 1 1/16	1.00	.60
BBR 16-90	16	90	1/2 x 1 7/16	1.00	.60



Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Ins. Dia. x Lgth.	List Price	Net Price
BRD 202B	20-20	25	3/4 x 1 1/16	$1.10	**$.66**
BRD 2215A	20-20	150	7/8 x 1 7/16	1.30	.78
BRD 3315A	30-30	150	7/8 x 1 11/16	1.50	.90
BRD 4215A	40-20	150	7/8 x 1 11/16	1.50	.90
BRD 4415A	40-40	150	1 x 1 11/16	1.70	**1.02**
BRD 5315A	50-30	150	1 x 1 11/16	1.70	**1.02**
BRD 5515A	50-50	150	1 x 2 1/2	1.90	**1.14**
BRD 8415	80-40	150	1 x 2 1/2	2.10	**1.26**
BRD 2225A	20-20	250	1 x 1 11/16	1.80	**1.08**
BRD 4225	40-20	250	1 x 2 1/2	1.95	**1.17**
BRD 2235A	20-20	350	1 x 2 1/2	2.10	**1.26**
BRD 8D45	8- 8	450	1 x 1 11/16	1.70	**1.02**
BRD 1145A	10-10	450	1 x 2	1.85	**1.11**
BRD 16D45	16-16	450	1 x 3	2.25	**1.35**
BRD 2245	20-20	450	1 x 3	2.35	**1.41**

CORNELL DUBILIER

PRONG-BASE DRY ELECTROLYTIC CAPACITORS



PRONG-BASE TYPE CAPACITORS

Type UP capacitors are small, conveniently-mounted, round can-type electrolytic units furnished with bakelite and metal mounting washers. Terminals are tinned for soldering.

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—In. D. x L.	List Price	Net Price
UP 3M-10	3000	10	1⅜ x 2½	$4.50	$2.70
UP 1M-15	1000	15	1 x 2½	3.25	1.95
UP 2M-15	2000	15	1⅜ x 2½	4.70	2.82
UP 3M-15	3000	15	1⅜ x 3	4.80	2.88
UP 40-25	40	25	¾ x 2	1.10	.66
UP 100-25	100	25	¾ x 2	1.45	.87
UP 500-25	500	25	1 x 2	2.45	1.47
UP 1M-25	1000	25	1⅜ x 2	3.55	2.13
UP 100-50	100	50	¾ x 2	2.35	1.41
UP 150-50	150	50	1 x 2	2.45	1.47
UP 500-50	500	50	1⅜ x 2	2.65	1.59
UP 1M-50	1000	50	1⅜ x 3⅝	3.65	2.19
UP 3015	30	150	¾ x 2	1.25	.75
UP 4015	40	150	1 x 2	1.35	.81
UP 5015	50	150	1 x 2	1.45	.87
UP 6015	60	150	1 x 2	1.55	.93
UP 8015	80	150	1 x 2	1.75	1.05
UP 10015	100	150	1 x 2½	1.85	1.11
UP 15015	150	150	1 x 3	1.95	1.17
UP 2025	20	250	¾ x 2	1.45	.87
UP 4025	40	250	1 x 2	1.70	1.02
UP 6025	60	250	1 x 2½	2.05	1.23
UP 5030	50	300	1 x 2½	1.95	1.17
UP 8030	80	300	1 x 3	2.35	1.41
UP 1535	15	350	1 x 2	1.45	.87
UP 3035	30	350	1 x 2	1.70	1.02
UP 5035	50	350	1 x 3	2.05	1.23
UP 8035	80	350	1⅜ x 2½	2.75	1.65
UP 12535	125	350	1⅜ x 3	3.55	2.13
UP 8040	80	400	1⅜ x 3	3.85	2.31
UP 1045	10	450	1 x 2	1.30	.78
UP 1AJ57	10	450	¾ x 2	1.30	.78
UP 1545	15	450	1 x 2	1.55	.93
UP 2045	20	450	1 x 2	1.75	1.05
UP 3045	30	450	1 x 2½	1.90	1.14
UP 4045	40	450	1 x 3	2.25	1.35
UP 5045	50	450	1 x 3⅝	2.60	1.56
UP 8045	80	450	1⅜ x 3	3.85	2.31
UP 1050	10	500	1 x 2	1.75	1.05
UP 2050	20	500	1 x 2½	2.65	1.59
UP 3050	30	500	1 x 3	3.50	2.10
UP 4050	40	500	1 x 3⅝	4.25	2.55
UP 8050	80	500	1⅜ x 3⅝	4.65	2.79

Dual Section Units

UP 11M-15	1000-1000	15	1⅜ x 2½	$4.95	$2.97
UP 22-25	20-20	25	1 x 2	1.35	.81
UP 44-25	40-40	25	1 x 2	1.50	.90
UP 55-50	50-50	50	1 x 2	1.75	1.05
UP 2215	20-20	150	1 x 2	1.55	.93
UP 3215	30-20	150	1 x 2	1.65	.99
UP 3315	30-30	150	1 x 2	1.75	1.05
UP 4215	40-20	150	1 x 2	1.75	1.05
UP 4315	40-30	150	1 x 2	1.85	1.11
UP 4415	40-40	150	1 x 2	1.95	1.17
UP 5315	50-30	150	1 x 2	1.95	1.17
UP 5515	50-50	150	1 x 2½	2.10	1.26
UP 75D15	75-75	150	1 x 3	2.35	1.41
UP 8415	80-40	150	1 x 2½	2.25	1.35
UP 1125	10-10	250	1 x 2	1.65	.99
UP 2225	20-20	250	1 x 2	1.75	1.05
UP 3325	30-30	250	1 x 2½	2.05	1.23
UP 4225	40-20	250	1 x 2½	2.05	1.23
UP 4425	40-40	250	1 x 3	2.30	1.38
UP 5530	50-50	300	1⅜ x 2½	2.60	1.56
UP 8830	80-80	300	1⅜ x 3	2.95	1.77
UP 15D35	15-15	350	1 x 2	2.10	1.26
UP 2235	20-20	350	1 x 2½	2.35	1.41
UP 3335	30-30	350	1 x 3	2.60	1.56
UP 5335	50-30	350	1⅜ x 2½	3.10	1.86
UP 15D40	15-15	400	1 x 2½	2.30	1.38

Dual Section Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—In. D. x L.	List Price	Net Price
UP 8140	80-10	400	1⅜ x 3	$4.00	$2.40
UP 1145	10-10	450	1 x 2	2.10	1.26
UP 15D45	15-15	450	1 x 2½	2.30	1.38
UP 2145	20-10	450	1 x 2½	2.35	1.41
UP 2245	20-20	450	1 x 3	2.65	1.59
UP 3145	30-10	450	1 x 3	2.65	1.59
UP 3345	30-30	450	1⅜ x 2½	3.25	1.95
UP 4245	40-20	450	1⅜ x 2½	3.25	1.95
UP 4445	40-40	450	1⅜ x 3	4.00	2.40
UP 8445	80-40	450	1⅜ x 3⅝	5.25	3.15
UP 2250	20-20	500	1⅜ x 2½	4.15	2.49
UP 4450	40-40	500	1⅜ x 3⅝	4.35	2.61
UP 4215C	40-20	150/25	1 x 2	2.20	1.32
UP 4015CV5	40-20	150/50	1 x 2	2.35	1.41
UP 2035C	20-20	350/25	1 x 2	1.90	1.14
UP 1045C	10-20	450/25	1 x 2	1.95	1.17
UP 2045C	20-20	450/25	1 x 2	2.00	1.20
UP 4045C	40-20	450/25	1 x 3	2.10	1.26
UP 8045C	80-20	450/25	1⅜ x 3	4.25	2.55

Triple Section Units

UP 222-25	20-20-20	25	1 x 2	$2.00	$1.20
UP 444-25	40-40-40	25	1 x 2	2.25	1.35
UP 333-50	30-30-30	50	1 x 2	2.30	1.38
UP 22215	20-20-20	150	1 x 2	2.30	1.38
UP 33115	30-30-10	150	1 x 2	2.30	1.38
UP 42115	40-20-10	150	1 x 2	2.35	1.41
UP 42215	40-20-20	150	1 x 2	2.40	1.44
UP 43215	40-30-20	150	1 x 2	2.45	1.47
UP 44415	40-40-40	150	1 x 2½	2.60	1.56
UP 47415	40-70-40	150	1 x 3	2.70	1.62
UP 64215	60-40-20	150	1 x 2½	2.65	1.59
UP 84215	80-40-20	150	1 x 3	2.80	1.68
UP 22125	20-20-10	250	1 x 2	2.65	1.59
UP 32125	30-20-10	250	1 x 2½	2.95	1.77
UP 42225	40-20-20	250	1 x 3	3.00	1.80
UP 11135	10-10-10	350	1 x 2	2.30	1.38
UP 22135	20-20-10	350	1 x 3	2.45	1.47
UP 335-2125	30/20-10	350/250	1 x 3	2.75	1.65
UP 4CJ66	20-10/5	350/250	1 x 2	2.45	1.47
UP 3135-225	30-10/20	350/250	1 x 3	2.75	1.65
UP 11145	10-10-10	450	1 x 2½	2.50	1.50
UP 15D145	15-15-10	450	1 x 3	2.85	1.71
UP 21145	20-10-10	450	1 x 3	2.85	1.71
UP 22245	20-20-20	450	1⅜ x 2½	3.95	2.37
UP 32245	30-20-20	450	1⅜ x 3	4.05	2.43
UP 41145	40-10-10	450	1⅜ x 2½	3.95	2.37
UP 43245	40-30-20	450	1⅜ x 3	4.15	2.49
UP 62245	60-20-20	450	1⅜ x 3⅝	4.25	2.55
UP 6CJ67	20/15/10	450/350/300	1 x 3	2.85	1.71
UP 6CJ17	15/20/20	450/350/250	1 x 3	2.95	1.77
UP 15D45-130	15-15/10	450/300	1 x 3	2.80	1.68
UP 6CJ68	15-5/15	450/350	1 x 3	2.75	1.65
UP 4CJ69	15-15/1200	150/1.5	1 x 2	2.45	1.47
UP 2215X10	20-20/100	150/10	1 x 2	2.25	1.35
UP 4215X10	40-20/100	150/10	1 x 2	2.45	1.47
UP 2215X25	20-20/250	150/10	1 x 2	2.55	1.53
UP 4215X25	40-20/250	150/10	1 x 2	2.65	1.59
UP 3315X20	30-30/200	150/10	1 x 2	2.65	1.59
UP 4215X10	40-20/100	150/10	1 x 2	2.60	1.56
UP 4215X20	40-20/200	150/10	1 x 2	2.65	1.59
UP 2215C	20-20/20	150/25	1 x 2	2.00	1.20
UP 3315C	30-30/20	150/25	1 x 2	2.20	1.32
UP 4215C	40-20/20	150/25	1 x 2	2.20	1.32
UP 4215C10	40-20/100	150/25	1 x 2	2.45	1.47
UP 4215C20	40-20/200	150/25	1 x 2½	2.55	1.53
UP 4315C	40-30/20	150/25	1 x 2	2.35	1.41
UP 4415C	40-40/20	150/25	1 x 2	2.40	1.44
UP 5315C	50-30/20	150/25	1 x 2	2.35	1.41
UP 5315C10	50-30/100	150/25	1 x 2½	2.45	1.47
UP 5515C	50-50/20	150/25	1 x 2½	2.55	1.53
UP 6215C	60-20/20	150/25	1 x 2	2.45	1.47
UP 6415C	60-40/20	150/25	1 x 2½	2.55	1.53
UP 8415C	80-40/20	150/25	1 x 2½	2.65	1.59
UP 3220C	30-20/20	200/25	1 x 2	2.45	1.47
UP 15D25C	15-15/20	250/25	1 x 2	2.45	1.47
UP 215S25C	20-15/20	250/25	1 x 2	2.50	1.50
UP 3325C	30-30/20	250/25	1 x 2½	2.70	1.62
UP 2230C	20-20/20	300/25	1 x 2	2.60	1.56
UP 3330CV5	30-30/25	300/50	1 x 3	2.80	1.68
UP 415S30C	40-15/20	300/25	1 x 3	2.75	1.65
UP 1135C	10-10/20	350/25	1 x 2	2.30	1.38
UP 15S135C	15-10/20	350/25	1 x 2	2.40	1.44
UP 115S135C	10-15/20	350/25	1 x 2	2.40	1.44
UP 2135C	20-10/20	350/25	1 x 2	2.45	1.47
UP 2235C	20-20/20	350/25	1 x 2½	2.80	1.68
UP 3135C	30-10/20	350/25	1 x 2½	2.80	1.68
UP 335-330C	30/30/20	350/300/25	1 x 3	2.85	1.71
UP 3335C	30-30/20	350/25	1⅜ x 2	2.90	1.74
UP 1145C	10-10/20	450/25	1 x 2	2.35	1.41
UP 15D45C	15-15/20	450/25	1 x 2½	2.55	1.53
UP 2145C	20-10/20	450/25	1 x 2½	2.55	1.53
UP 215S45C	20-15/20	450/25	1 x 3	2.80	1.68
UP 2245C	20-20/20	450/25	1 x 3	2.95	1.77
UP 3345C	30-30/20	450/25	1⅜ x 2½	3.15	1.89
UP 4245C	40-20/20	450/25	1⅜ x 2½	3.15	1.89
UP 4445C	40-40/20	450/25	1⅜ x 3	4.45	2.67

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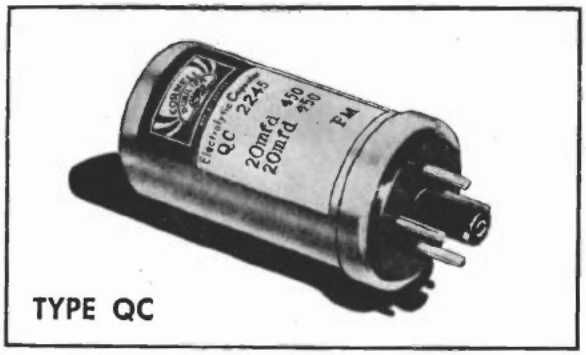
CORNELL DUBILIER

ROUND CAN DRY ELECTROLYTIC CAPACITORS



PLUG-IN TYPE CAPACITORS

Type QC Capacitors are hermetically sealed in round aluminum containers and provided with a four-pin octal base mounting in order to be readily removed and replaced in standard octal base tube sockets.

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Ins. Dia. x Lgth.	List Price	Net Price
QC 2215	20-20	150	1 5/32 x 2 1/2	$3.10	$1.86
QC 4415	40-40	150	1 5/32 x 2 1/2	3.90	2.34
QC 22215	20-20-20	150	1 5/32 x 2 1/2	4.60	2.76
QC 44415	40-40-40	150	1 3/8 x 2 1/2	5.00	3.00
QC 1045	10	450	1 5/32 x 2 1/2	2.60	1.56
QC 2045	20	450	1 5/32 x 2 1/2	3.50	2.10
QC 4045	40	450	1 3/8 x 2 1/2	4.50	2.70
QC 8045	80	450	1 3/8 x 3 1/2	7.70	4.62
QC 1145	10-10	450	1 5/32 x 2 1/2	4.20	2.52
QC 2245	20-20	450	1 3/8 x 2 1/2	5.30	3.18
QC 11145	10-10-10	450	1 5/32 x 2 1/2	5.00	3.00
QC 33145C	30-30-10/20	450/50	1 3/8 x 4 1/4	7.75	4.65

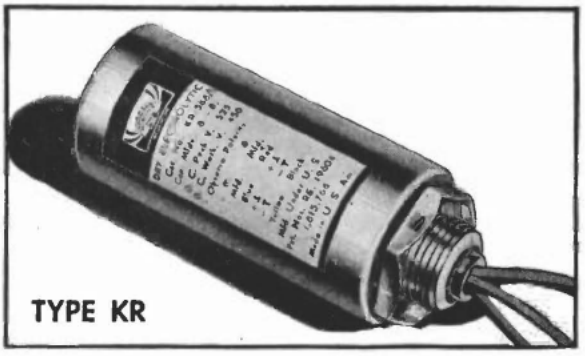
TYPE UP CAPACITORS (Continued)

Quadruple Section Units

UP 444315	40-40-40-30	150	1 3/8 x 2	$3.35	$2.01
UP 22215C	20-20-20/20	150/25	1 3/8 x 2	3.80	2.28
UP 32215X20	30-20-20/200	150/10	1 3/8 x 2	3.15	1.89
UP 33315C4	30-30-30/40	150/25	1 3/8 x 2	3.30	1.98
UP 44315C	40-40-30/20	150/25	1 3/8 x 2	3.10	1.86
UP 44215X10	40-40-20/200	150/10	1 3/8 x 2	3.15	1.89
UP 4415C44	40-40/40-40	150/25	1 3/8 x 2	3.35	2.01
UP 4415C11	40-40/100-100	150/25	1 3/8 x 2	3.45	2.07
UP 44415C	40-40-40/20	150/25	1 3/8 x 2	3.10	1.86
UP 44415C10	40-40-40/100	150/25	1 3/8 x 2	3.15	1.89
UP 44415C16	40-40-40/160	150/25	1 3/8 x 2	3.20	1.92
UP 53315C10	50-30-30/100	150/25	1 3/8 x 2	3.15	1.89
UP 55515C	50-50-50/20	150/25	1 3/8 x 2	3.40	2.04
UP 64215X20	60-40-20/200	150/10	1 3/8 x 2	3.35	2.01
UP 75T15C3	75-75-75/30	150/25	1 3/8 x 3	3.85	2.31
UP 84415C	80-40-40/20	150/25	1 3/8 x 2	3.45	2.07
UP 84415C10	80-40-40/100	150/25	1 3/8 x 2 1/2	3.50	2.10
UP 42225C	40-20-10/20	250/25	1 3/8 x 2	3.20	1.92
UP 442130	40-40-20-10	300	1 3/8 x 2 1/2	4.00	2.40
UP 11135C	10-10-10/20	350/25	1 3/8 x 2	2.95	1.77
UP 21535C	20-10-5/10	350/25	1 3/8 x 2	3.05	1.83
UP 32235C	30-20-20/20	350/25	1 3/8 x 2 1/2	3.35	2.01
UP 44235C	40-40-20/20	350/25	1 3/8 x 3	3.85	2.31
UP 2245CC	20-20/20-20	450/25	1 3/8 x 2	3.55	2.13
UP 2245-3335	20-20/30-30	450/350	1 3/8 x 3	4.35	2.61
UP 5Q45	5-5-5-5	450	1 3/8 x 2	3.05	1.83
UP 111145	10-10-10-10	450	1 3/8 x 2	3.25	1.95
UP 222245	20-20-20-20	450	1 3/8 x 3	4.50	2.70
UP 411145	40-10-10-10	450	1 3/8 x 3	4.60	2.76
UP 11145C	10-10-10/20	450/25	1 3/8 x 2	3.05	1.83
UP 22245C	20-20-20/20	450/25	1 3/8 x 2 1/2	3.95	2.37
UP 315D45C4	30-15-15/40	450/25	1 3/8 x 2 1/2	3.95	2.37
UP 32245C	30-20-20/20	450/25	1 3/8 x 3	4.15	2.49
UP 33145C	30-30-10/20	450/25	1 3/8 x 3	4.25	2.55
UP 33245C	30-30-20/20	450/25	1 3/8 x 3	4.35	2.61
UP 43145C	40-30-10/20	450/25	1 3/8 x 3	4.15	2.49

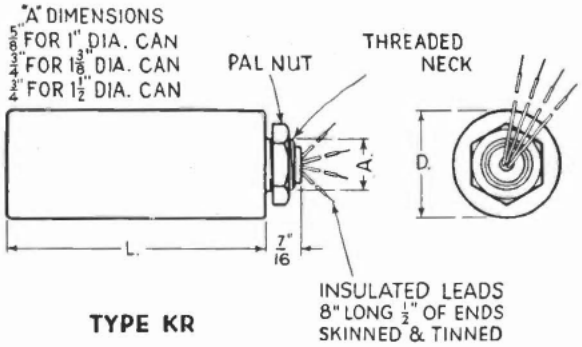
Hardware For Type UP Capacitors

Cat. No.	Item	Description	List Price	Net Price
22272	Wrench for	Mtg. UP Units	$1.13	$0.67
19891	Bakelite Washer	For 3/4" UP	.06	.03
19884	Bakelite Washer	For 1" UP	.06	.03
19888	Bakelite Washer	For 1 3/8" UP	.06	.03
19890	Metal Washer	For 3/4" UP	.06	.03
19883	Metal Washer	For 1" UP	.06	.03
19887	Metal Washer	For 1 3/8" UP	.06	.03
21368-1	Mounting Clip	For 3/4" UP	.14	.08
21368-2	Mounting Clip	For 1" UP	.14	.08
21368-3	Mounting Clip	For 1 3/8" UP	.14	.08
22153-1	Insulating Tube	For 3/4 x 2" UP	.06	.03
22153-4	Insulating Tube	For 1 x 2" UP	.06	.03
22153-6	Insulating Tube	For 1 x 3" UP	.06	.03
22153-7	Insulating Tube	For 1 3/8 x 2" UP	.06	.03
22153-9	Insulating Tube	For 1 3/8 x 3" UP	.06	.03



SCREW-NECK TYPE CAPACITORS

Types KR and KRC single-hole mounting units are compact etched foil type dry electrolytic capacitors furnished in round (inverted mounting) aluminum cans. Available in single, dual and triple sections with color-coded leads. Made in all popular voltage ratings for use in A.C.-D.C. or voltage-doubler midgets and A.C. operated sets.



TYPE KR

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Ins. Dia. x Lth.	List Price	Net Price
KR 105	50	25	1 x 2 1/2	$1.75	$1.05
KR 204	4	250	1 x 2 1/2	1.55	.93
KR 208	8	250	1 x 2 1/2	1.60	.96
KR 212	12	250	1 x 2 1/2	1.75	1.05
KR 226	25	250	1 x 3 1/2	2.00	1.20
KR 350	50	300	1 3/8 x 3 3/4	3.00	1.80
KR 504	4	450	1 x 2 1/2	1.70	1.02
KR 508	8	450	1 x 2 1/2	1.75	1.05
KR 512A	12	450	1 x 2 1/2	2.15	1.29
KR 516A	16	450	1 x 3 1/2	2.40	1.44
KR 520	20	450	1 3/8 x 2 1/2	2.65	1.59
KR 530	30	450	1 3/8 x 3 1/2	3.00	1.80
KR 540	40	450	1 3/8 x 4 3/8	3.40	2.04
KR 604	4	600	1 3/8 x 3 1/2	3.00	1.80
KR 608	8	600	1 3/8 x 4 1/2	4.00	2.40
KR 616	16	600	1 1/2 x 4 1/2	5.00	3.00

Common Negative Units

KRC 248	4-8	250	1 x 3	$2.15	$1.29
KRC 288	8-8	250	1 x 3	2.30	1.38
KRC 2888	8-8-8	250	1 3/8 x 3	3.80	2.28
KRC 548	4-8	450	1 x 3	2.50	1.50
KRC 588	8-8	450	1 3/8 x 2 1/2	2.75	1.65
KRC 5116	16-16	450	1 3/8 x 3 1/2	3.50	2.10
KRC 5220	20-20	450	1 3/8 x 4 3/8	4.00	2.40
KRC 5888	8-8-8	450	1 3/8 x 3 1/2	4.25	2.55

Separate Section Units

KR 248	4-8	250	1 3/8 x 2 3/4	$2.15	$1.29
KR 288	8-8	250	1 3/8 x 2 3/4	2.30	1.38
KR 2888	8-8-8	250	1 3/8 x 3 1/2	3.80	2.28
KR 2881	8-8-16	250	1 3/8 x 3 1/2	4.05	2.43
KR 2811	8-16-16	250	1 3/8 x 3 1/2	4.30	2.58
KR 548A	4-8	450	1 3/8 x 3	2.50	1.50
KR 588A	8-8	450	1 3/8 x 3	2.75	1.65
KR 5816A	8-16	450	1 3/8 x 4 1/2	3.25	1.95
KR 5888A	8-8-8	450	1 3/8 x 4 1/2	4.25	2.55

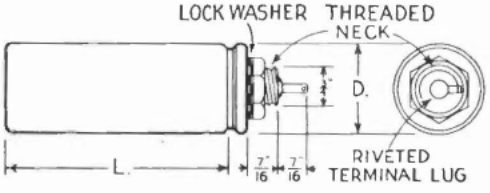
CORNELL DUBILIER

REPLACEMENT DRY ELECTROLYTIC CAPACITORS

TYPE WR

REPLACEMENTS FOR WET-TYPE UNITS

These dry electrolytic capacitors furnished in round aluminum cans are offered as substitutes for replacement of wet electrolytic units which have been discontinued in manufacture during the war. The limited range of capacities listed below cover practically all applications in standard radio receivers and other equipment in which wet type electrolytic capacitors were originally employed.



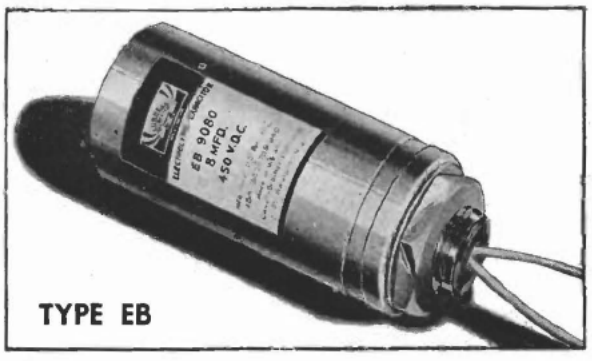
WET ELECTROLYTIC REPLACEMENT

TYPE WR

450-Volt D.C. Replacement Capacitors

Cat. No.	Cap. Mfd.	Replacement for	Size—Ins. Dia. x Lth.	List Price	Net Price
WR 10	10	4 to 12 mfd.	1⅜ x 2½	$1.45	**$0.87**
WR 20	20	16 to 20 mfd.	1¾ x 2½	2.25	**1.35**
WR 30	30	20 to 30 mfd.	1⅜ x 3¼	2.60	**1.56**
WR 40	40	30 to 40 mfd.	1⅜ x 3¼	2.90	**1.74**

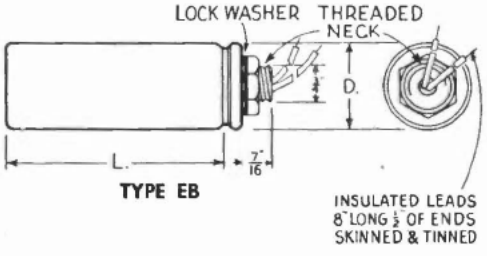
For one-inch diameter can wet electrolytic replacements we recommend employing C-D Type KR capacitors in one-inch diameter cans of equivalent capacity and voltage ratings.



TYPE EB

FILTER REPLACEMENT UNITS

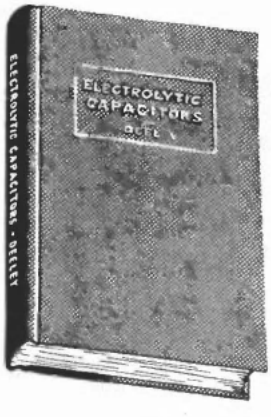
Type EB electrolytic capacitors are especially suited for replacement purposes in radio receivers to replace units of larger physical sizes. They are identical in mounting hole dimensions and general construction to Type WR capacitors except they are provided with insulated color-coded wire leads 8" long brought through the threaded neck of the unit.



TYPE EB

450-Volt D.C. Replacement Capacitors

Cat. No.	Cap. Mfd.	Size—Ins. Dia. x Lth.	List Price	Net Price
EB 9080	8	1⅜ x 4⅜	$1.80	**$1.08**
EB 9100	10	1⅜ x 4⅜	2.10	**1.26**
EB 9120	12	1½ x 4⅜	2.35	**1.41**
EB 9160	16	1½ x 4⅜	2.65	**1.59**
EB 9180	18	1½ x 4⅜	2.75	**1.65**
EB 9200	20	1½ x 4⅜	2.80	**1.68**
EB 8800	8-8	1½ x 4⅜	2.70	**1.62**



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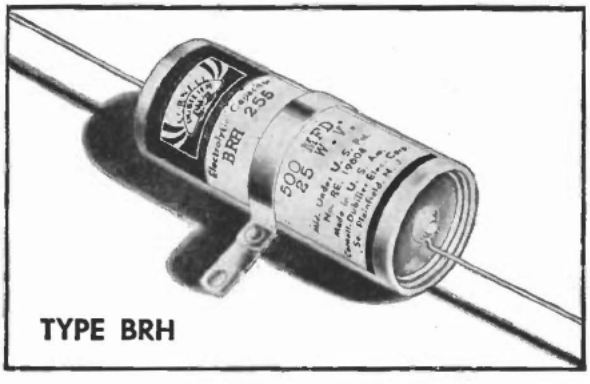
CORNELL DUBILIER

HIGH CAPACITY DRY ELECTROLYTIC CAPACITORS

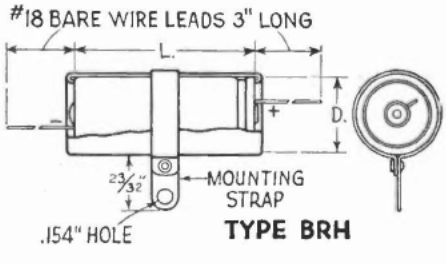


TYPE BRH

METAL TUBULAR TYPE CAPACITORS

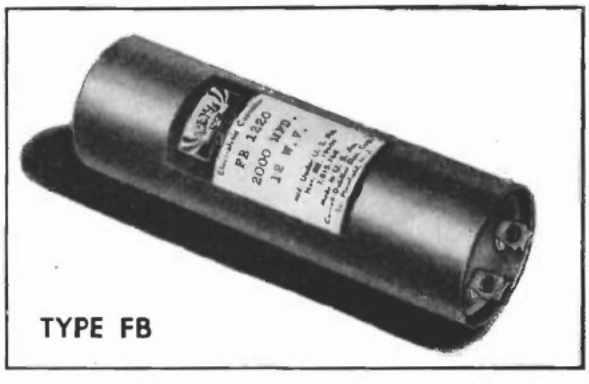
These compact C-D etched foil electrolytic capacitors have been especially designed for all applications requiring high capacity units operating in low voltage D.C. circuits. They are widely employed in portable radio power rectifying circuits, electric fence devices, telephone and D.C. timing circuits. Units are available in standard capacities and voltage ratings for all uses.

Hermetically sealed in pure aluminum cans with an external cardboard insulating sleeve, these units are provided with metal mounting strap and bare wire leads for convenient wiring into any circuit assembly. They are constructed identically the same as Type BR "Blue Beavers" except all units are provided with a mounting strap.



TYPE BRH

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
BRH 601	100	6	5/8 x 1 1/16	$1.20	**$.72**
BRH 6025	250	6	5/8 x 1 7/16	1.45	**.87**
BRH 605A	500	6	3/4 x 1 11/16	1.70	**1.02**
BRH 610	1000	6	7/8 x 2	2.25	**1.35**
BRH 620	2000	6	1 x 2 1/2	3.90	**2.34**
BRH 121A	100	12	5/8 x 1 1/16	1.20	**.72**
BRH 1225A	250	12	3/4 x 1 11/16	1.75	**1.05**
BRH 125A	500	12	7/8 x 2	1.90	**1.14**
BRH 1210	1000	12	1 x 2	2.90	**1.74**
BRH 1220	2000	12	1 x 3	4.80	**2.88**
BRH 151A	100	15	5/8 x 1 1/16	1.70	**1.02**
BRH 1525A	250	15	3/4 x 1 11/16	1.90	**1.14**
BRH 155A	500	15	7/8 x 2	2.10	**1.26**
BRH 1510	1000	15	1 x 2	3.70	**2.22**
BRH 1520	2000	15	1 x 3	5.60	**3.36**
BRH 251A	100	25	5/8 x 1 7/16	1.20	**.72**
BRH 2525A	250	25	7/8 x 1 11/16	2.00	**1.20**
BRH 255A	500	25	1 x 2	2.25	**1.35**
BRH 501	100	50	3/4 x 2	1.50	**.90**
BRH 5015	150	50	7/8 x 2	1.70	**1.02**
BRH 5025	250	50	1 x 2	2.36	**1.42**
BRH 5050	500	50	1 x 3	4.60	**2.76**



TYPE FB

INSULATED CAN CAPACITORS

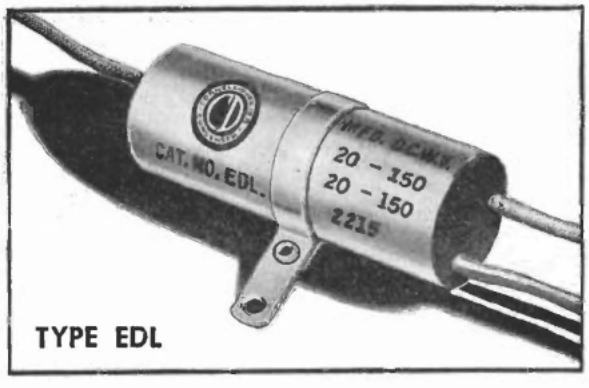
Type FB capacitors in round aluminum cans are designed for high capacity, low voltage applications, and are especially popular as replacements in motion picture sound equipment, and other low voltage circuits. All units are provided with lug terminals on a moulded bakelite cover and furnished with an external cardboard insulating sleeve for protection against short circuits.

Type FB is same as FA except lug terminal.

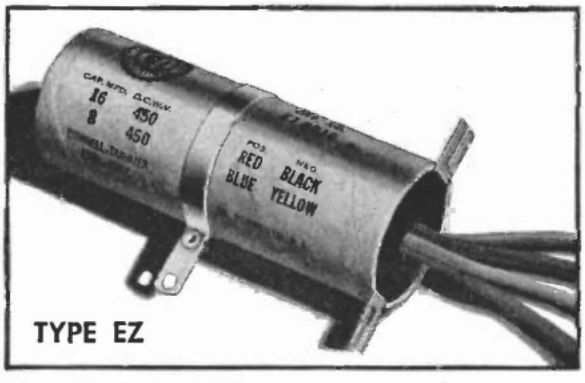
Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
FB 1005	500	10	1 3/8 x 2 3/8	$2.55	**$1.53**
FB 1010	1000	10	1 3/8 x 2 3/8	2.70	**1.62**
FB 1015	1500	10	1 3/8 x 2 3/8	4.25	**2.55**
FB 1020	2000	10	1 3/8 x 2 5/8	4.55	**2.73**
FB 1030	3000	10	1 3/8 x 3 1/8	5.60	**3.36**
FB 1040	4000	10	1 3/8 x 4 1/8	5.90	**3.54**
FB 1050	5000	10	1 1/2 x 4 1/8	6.30	**3.78**
FB 1060	6000	10	1 3/4 x 4 3/8	10.27	**6.16**
FB 1205	500	12	1 3/8 x 2 3/8	2.75	**1.65**
FB 1210	1000	12	1 3/8 x 2 3/8	2.90	**1.74**
FB 1215	1500	12	1 3/8 x 2 5/8	4.50	**2.70**
FB 1220	2000	12	1 3/8 x 3 1/8	4.80	**2.88**
FB 1225	2500	12	1 3/8 x 3 1/8	5.40	**3.24**
FB 1230	3000	12	1 3/8 x 4 1/8	6.00	**3.60**
FB 1240	4000	12	1 1/2 x 4 1/8	7.10	**4.26**
FB 1260	6000	12	2 x 4 1/8	7.50	**4.50**
FB 1505	500	15	1 3/8 x 2 3/8	3.10	**1.86**
FB 1510	1000	15	1 3/8 x 2 3/8	3.70	**2.22**
FB 1515	1500	15	1 3/8 x 2 5/8	5.40	**3.24**
FB 1520	2000	15	1 3/8 x 3 1/8	5.80	**3.48**
FB 1530	3000	15	1 3/8 x 4 1/8	7.00	**4.20**
FB 1540	4000	15	1 1/2 x 4 1/8	8.10	**4.86**
FB 1560	6000	15	2 x 4 1/8	8.70	**5.22**
FB 1805	500	18	1 3/8 x 2 3/8	3.40	**2.04**
FB 1810	1000	18	1 3/8 x 2 3/8	4.00	**2.40**
FB 1820	2000	18	1 3/8 x 3 1/8	6.20	**3.72**
FB 1840	4000	18	1 1/2 x 4 1/8	8.75	**5.25**
FB 2005	500	20	1 3/8 x 2 3/8	3.75	**2.25**
FB 2010	1000	20	1 3/8 x 3 1/8	4.40	**2.64**
FB 2020	2000	20	1 3/8 x 4 1/8	6.50	**3.90**
FB 2040	4000	20	2 x 4 1/8	9.25	**5.55**
FB 2505	500	25	1 3/8 x 2 3/8	4.00	**2.40**
FB 2510	1000	25	1 3/8 x 3 1/8	4.85	**2.91**
FB 2520	2000	25	1 3/8 x 4 1/8	7.20	**4.32**
FB 2530	3000	25	1 3/4 x 4 1/8	8.95	**5.37**
FB 2540	4000	25	2 x 4 1/8	9.85	**5.91**
FB 2550	5000	25	2 1/2 x 4 1/8	10.25	**6.15**
FB 3005	500	30	1 3/8 x 3 1/8	5.25	**3.15**
FB 3010	1000	30	1 3/8 x 4 1/8	5.75	**3.45**
FB 3020	2000	30	1 3/4 x 4 1/8	7.90	**4.74**
FB 3030	3000	30	2 x 4 1/8	9.15	**5.49**
FB 3040	4000	30	2 1/2 x 4 1/8	11.20	**6.72**
FB 3505	500	35	1 3/8 x 3 1/8	5.25	**3.15**
FB 3510	1000	35	1 3/8 x 4 1/8	6.50	**3.90**
FB 3520	2000	35	1 3/4 x 4 1/8	8.60	**5.16**
FB 3530	3000	35	2 x 4 1/8	9.00	**5.40**
FB 3540	4000	35	2 1/2 x 4 1/8	11.60	**6.96**
FB 4005	500	40	1 3/8 x 3 1/8	5.85	**3.51**
FB 4010	1000	40	1 3/8 x 4 1/8	7.85	**4.71**
FB 4020	2000	40	1 3/4 x 4 1/8	9.25	**5.55**
FB 4030	3000	40	2 x 4 1/8	10.10	**6.06**
FB 4040	4000	40	2 1/2 x 4 1/8	11.90	**7.14**
FB 5005	500	50	1 3/8 x 3 1/8	4.80	**2.88**
FB 5010	1000	50	1 3/8 x 4 1/8	8.50	**5.10**
FB 5020	2000	50	1 3/4 x 4 1/8	10.50	**6.30**
FB 5030	3000	50	2 x 4 1/8	11.40	**6.84**
FB 5040	4000	50	2 1/2 x 4 1/8	12.65	**7.59**

CORNELL DUBILIER

CARDBOARD TUBE DRY ELECTROLYTIC CAPACITORS



TYPE EDL



TYPE EZ

CARDBOARD TUBE UNITS (Formerly Type BRL)

Type EDL Capacitors are dual and triple common negative units in cardboard tube containers with wax-filled ends. Capacities, voltages and polarity of the leads are clearly defined by color coding stamped on the cardboard tube casing. Units are provided with insulated wire leads brought out at both ends of the unit. A mounting strap around the center of the cardboard tube casing enables mounting the unit with one screw under the chassis assembly.

Dual Common Negative Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
EDL 2202	20–20	25	5/8 x 2 1/4	$1.10	$ .66
EDL 115	10–10	50	5/8 x 2 1/4	1.15	.69
EDL 2115	20–10	150	13/16 x 2 1/4	1.25	.75
EDL 2215	20–20	150	7/8 x 2 1/4	1.30	.78
EDL 3215	30–20	150	7/8 x 2 1/2	1.45	.87
EDL 3315	30–30	150	7/8 x 2 1/2	1.60	.96
EDL 4215	40–20	150	7/8 x 2 1/2	1.50	.90
EDL 4315	40–30	150	15/16 x 2 3/4	1.60	.96
EDL 4415	40–40	150	1 x 2 3/4	1.70	1.02
EDL 5315	50–30	150	1 x 2 3/4	1.70	1.02
EDL 5515	50–50	150	1 x 3	1.85	1.11
EDL 8415	80–40	150	1 1/16 x 3	1.95	1.17
EDL 16825	16–8	250	13/16 x 2 1/2	1.60	.96
EDL 16D25	16–16	250	7/8 x 2 1/2	1.70	1.02
EDL 2225	20–20	250	1 x 2 1/2	1.80	1.08
EDL 7V225	75–20	250	1 1/16 x 3 1/2	2.25	1.35
EDL 8D25	8–8	450	15/16 x 2 1/2	1.70	1.02
EDL 16845	16–8	450	1 x 3	2.00	1.20
EDL 16D45	16–16	450	1 3/8 x 3	2.30	1.38
EDL 2245	20–20	450	1 5/16 x 3 1/4	2.40	1.44

Triple Common Negative Units

EDL 22215	20–20–20	150	15/16 x 2 1/2	$2.20	$1.32
EDL 32V215	30–25–20	150	7/8 x 3	2.25	1.35
EDL 42215	40–20–20	150	1 x 2 3/4	2.30	1.38
EDL 43215	40–30–20	150	1 x 3	2.35	1.41
EDL 44215	40–40–20	150	1 x 3	2.40	1.44
EDL 44415	40–40–40	150	1 1/16 x 3	2.50	1.50
EDL 2215C	20-20, 20	150, 25	7/8 x 2 1/2	1.90	1.14
EDL 3315C	30–30, 20	150, 25	15/16 x 2 1/2	2.00	1.20
EDL 4215C	40–20, 20	150, 25	15/16 x 2 1/2	2.00	1.20
EDL 4415C	40–40, 20	150, 25	1 x 2 3/4	2.10	1.26
EDL 5315C	50–30, 20	150, 25	1 x 2 3/4	2.10	1.26
EDL 5515C	50–50, 20	150, 25	1 x 3	2.25	1.35
EDL 8415C	80–40, 20	150, 25	1 1/16 x 3	2.45	1.47
EDL 3215C10	30–20, 100	150, 25	1 x 2 3/4	2.20	1.32
EDL 5315X20	50–30, 200	150, 10	1 x 3	2.45	1.47
EDL 5315C10	50–30, 100	150, 25	1 x 3	2.40	1.44
EDL 8215C10	80–20, 100	150, 25	1 1/8 x 3	2.55	1.53
EDL 2225C	20–20, 20	250, 25	15/16 x 2 3/4	1.95	1.17
EDL 4225C	40–20, 20	250, 25	1 x 3	2.05	1.23
EDL 4425C	40–40, 20	250, 25	1 1/8 x 3	2.15	1.29
EDL 7J4125	75–40–10	250	1 1/4 x 3 1/2	3.25	1.95
EDL 16T45	16–16–16	450	1 3/8 x 3	3.05	1.83
EDL 2245C	20–20, 20	450, 25	1 5/16 x 3 1/4	2.80	1.68

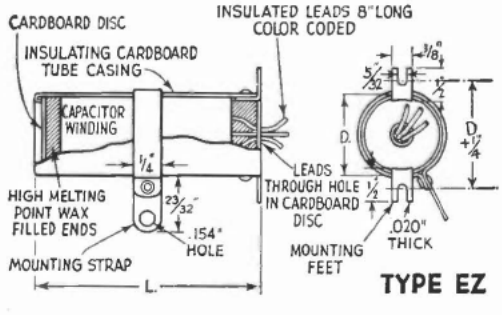
Quadruple Common Negative Units

EDL 33215C	30–30–20,20	150, 25	1 x 2 3/4	$2.80	$1.68
EDL 22245C	20–20–20,20	450, 25	1 3/8 x 3 3/4	3.85	2.31

UNIVERSAL-MOUNTING UNITS

Type EZ capacitors are especially popular for radio servicing where low cost replacements are required. They are designed with mounting feet for upright mounting to replace inverted can-type units, spade-lug units, or may be mounted beneath the chassis by means of the mounting strap provided around the center of the cardboard tube casing. In any instance, the unused mountings may easily be cut off.

These units are without doubt the most practical all-around replacement capacitors available and incorporate C-D etched foil features in design and construction. They are completely sealed in moisture-proof cardboard tube casing, filled with special wax compound, and provided with insulated wire leads eight inches long. All units are clearly stamped with capacities, voltages and color code designation of leads.



TYPE EZ

Single Section Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
EZ 825	8	250	7/8 x 2 1/2	$1.05	$0.63
EZ 1625	16	250	1 x 2 3/4	1.30	.78
EZ 2425	24	250	1 1/16 x 2 3/4	1.45	.87
EZ 835	8	350	15/16 x 2 1/2	1.10	.66
EZ 1235	12	350	15/16 x 2 3/4	1.30	.78
EZ 1635	16	350	1 x 2 3/4	1.45	.87
EZ 2435	24	350	1 x 3 1/2	1.55	.93
EZ 845	8	450	7/8 x 2 3/4	1.15	.69
EZ 1245	12	450	1 x 2 3/4	1.35	.81
EZ 1645	16	450	1 1/16 x 2 3/4	1.55	.93
EZ 3045	30	450	1 1/4 x 3 1/2	1.85	1.11

Dual Common Negative Units

EZ 2215	20–20	150	1 x 2 1/2	$1.50	$0.90
EZ 3315	30–30	150	1 1/16 x 2 3/4	1.70	1.02
EZ 5515	50–50	150	1 1/16 x 3 1/2	2.05	1.23
EZ 8825	8–8	250	1 x 2 3/4	1.65	.99
EZ 8835	8–8	350	15/16 x 3 1/2	1.80	1.08
EZ 8845	8–8	450	1 x 3 1/2	1.90	1.14

(For Type EZ Multiple Units, see next page.)

CARDBOARD TUBE DRY ELECTROLYTIC CAPACITORS

(Type EZ Universal Mounting Capacitors Continued from preceding page)

Dual Separate Section Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
EZ 288	8–8	250	1 3/8 x 2 3/4	$2.20	$1.32
EZ 2116	16–16	250	1 3/8 x 3 3/4	2.75	1.65
EZ 388	8–8	350	1 3/8 x 3	2.25	1.35
EZ 3112	12–12	350	1 3/8 x 3 3/4	2.70	1.62
EZ 3116	16–16	350	1 3/8 x 4 3/4	3.00	1.80
EZ 588	8–8	450	1 3/8 x 3	2.30	1.38
EZ 5816	8–16	450	1 3/8 x 3 3/4	2.70	1.62
EZ 5112	12–12	450	1 3/8 x 3 3/4	2.70	1.62
EZ 5116	16–16	450	1 3/8 x 4 3/4	3.20	1.92

Triple Common Negative Units

EZ 2215C	20–20/20	150/25	1 x 3	$2.10	$1.26
EZ 3215C	30–20/20	150/25	1 x 3	2.15	1.29
EZ 3115C	30–10/20	150/25	1 x 3	2.05	1.23
EZ 4215C	40–20/20	150/25	1 1/16 x 3	2.00	1.20
EZ 32115	30–20/10	150	1 1/8 x 2 3/4	2.15	1.29
EZ 42215	40–20–20	150	1 1/8 x 3	2.30	1.38
EZ 1A135C	15–10/20	350/25	1 1/8 x 3 1/2	2.30	1.38
EZ 2143C	20/10/20	400/350/25	1 3/8 x 3 1/8	2.50	1.50

Triple Separate Section Units*

EZ 8825S	8–8/20	250/25	1 3/8 x 3	$2.45	$1.47
EZ 8835S	8–8/20	350/25	1 3/8 x 3 3/4	2.55	1.53
EZ 12D35S	12–12/20	350/25	1 3/8 x 3 3/4	2.75	1.65
EZ 16D35S	16–16/20	350/25	1 3/8 x 4 3/4	3.20	1.92
EZ 8845S	8–8/20	450/25	1 3/8 x 3 3/4	2.65	1.59
EZ 12D45S	12–12/20	450/25	1 3/8 x 4 3/4	3.00	1.80
EZ 88825	8–8–8	250	1 3/8 x 3	2.50	1.50
EZ 88835	8–8–8	350	1 3/8 x 3 3/4	2.65	1.59
EZ 88845	8–8–8	450	1 3/8 x 3 3/4	2.75	1.65

Quadruple Common Negative Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
EZ 8815CC	8–8/10–10	150/25	1 x 2 3/4	$2.35	$1.41
EZ 3215CC	30–20/10–10	150/25	1 3/16 x 2 3/4	2.60	1.56
EZ 42215C	40–20–20/20	150/25	1 3/16 x 3	2.85	1.71
EZ 53215C	50–30–20/20	150/25	1 3/16 x 3 1/2	2.95	1.77
EZ 44315C	40–40–30/20	150/25	1 3/16 x 3 1/2	3.00	1.80
EZ 55515C	50–50–50/20	150/25	1 3/8 x 3 1/2	3.30	1.98

Quadruple Separate Section Units*

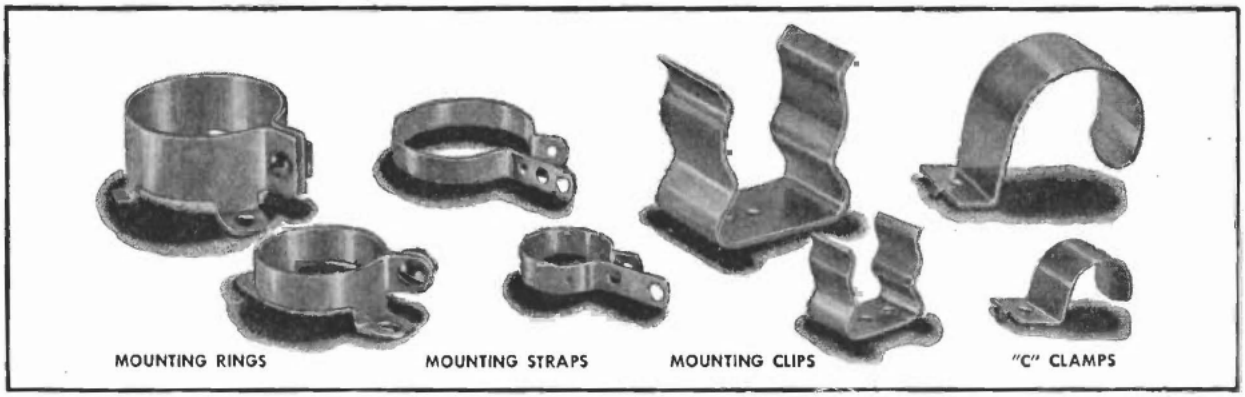
EZ 16D15SS	16–16/10–10	150/25	1 3/8 x 3	$3.15	$1.89
EZ 8845SS	8–8/10–10	450/25	1 3/8 x 3 3/4	3.25	1.95
EZ 43215SS	40–30–20/20	150/25	1 3/8 x 3 3/4	3.65	2.19

*First section separate, others common negative.

Explanation of Terminal Connections

In all cases only a single common negative lead is provided to all sections in multiple section capacitors listed under the heading of Common Negative Units. Separate Section Units are provided with separate negative and separate positive leads.

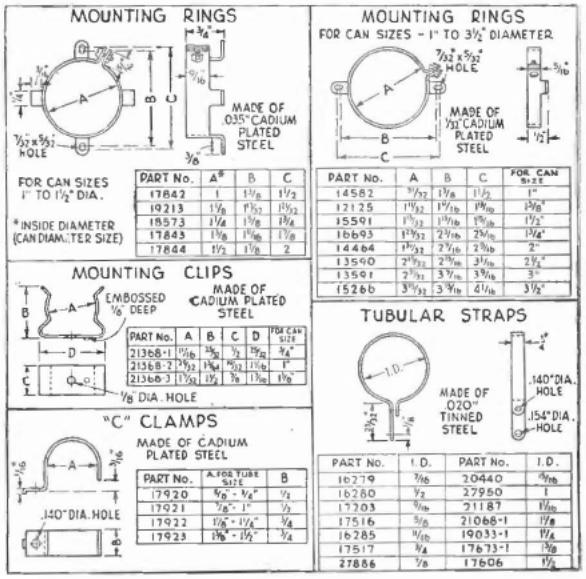
In triple and quadruple section capacitors with separate sections, indicated with an asterisk (*), the very first capacity listed is a separate section, having separate negative and positive leads, while all other capacities shown are connected to a single common negative lead with separate positive leads to each section.



CAPACITOR MOUNTING HARDWARE

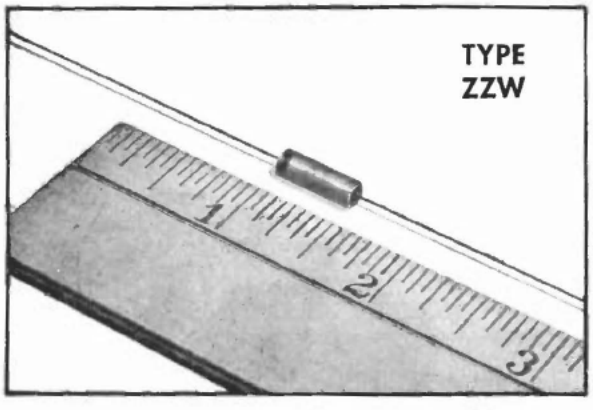
Additional hardware for mounting all types of electrolytic capacitors as well as tubular paper units is available as shown in the accompanying diagrams and listed below.

Part No.	Description	List Price	Net Price
14582	Mounting Ring for 1" dia. Cans	$0.09	$0.05
12125	Mounting Ring for 1 3/8" dia. Cans	.09	.05
15591	Mounting Ring for 1 1/2" dia. Cans	.14	.08
16693	Mounting Ring for 1 3/4" dia. Cans	.17	.10
14464	Mounting Ring for 2" dia. Cans	.21	.12
13590	Mounting Ring for 2 1/2" dia. Cans	.21	.12
13591	Mounting Ring for 3" dia. Cans	.21	.12
15266	Mounting Ring for 3 1/2" dia. Cans	.21	.12
17842	Mounting Ring for 1" dia. Cans	.09	.05
19213	Mounting Ring for 1 1/8" dia. Cans	.09	.05
18573	Mounting Ring for 1 1/4" dia. Cans	.09	.05
17843	Mounting Ring for 1 3/8" dia. Cans	.09	.05
17844	Mounting Ring for 1 1/2" dia. Cans	.14	.08
21368-1	Mounting Clip for 3/4" dia. Cans	.14	.08
21368-2	Mounting Clip for 1" dia. Cans	.14	.08
21368-3	Mounting Clip for 1 3/8" dia. Cans	.14	.08
17920	"C" Clamp for 5/8"–3/4" Cans or Tubulars	.14	.08
17921	"C" Clamp for 7/8"–1" Cans or Tubulars	.14	.08
17922	"C" Clamp for 1 1/8"–1 1/4" Cans or Tubulars	.14	.08
17923	"C" Clamp for 1 3/8"–1 1/2" Cans or Tubulars	.14	.08
16279 to	Tubular Straps for Mounting		
16287	All Types of Tubular Units	.06	.03



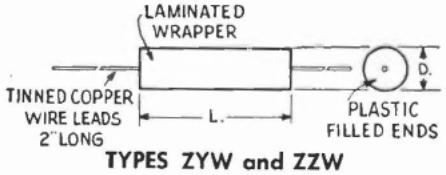
CORNELL DUBILIER

TUBULAR PAPER CAPACITORS

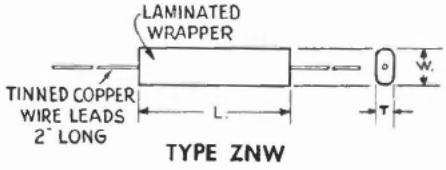


MINIATURE TUBULAR CAPACITORS

Types ZYW, ZZW, and flat type ZNW, tiny tubular paper capacitors are especially suited for use in very small electronic assemblies, such as hearing aids, pocket radios, etc., where minimum space and weight are essential. These capacitors are the result of Cornell-Dubilier developments for the VT radio proximity fuze for shells and bombs made for the Navy during the War and today find many applications in ultra compact electronic equipment of all kinds. All units are non-inductively wound, wax impregnated by special process, and sealed in a laminated paper wrapper with plastic compound ends. They are additionally protected against moisture with a complete wax coating.



TYPES ZYW and ZZW



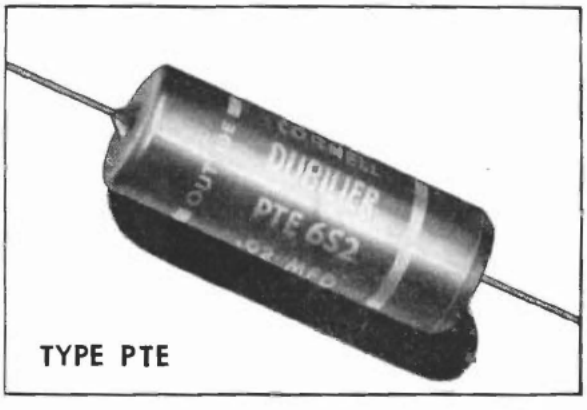
TYPE ZNW

TYPES ZZW AND ZYW—Round Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Dia. x Lgth.	List Price	Net Price
ZZW1T5	.0005	150	5/32 x 1/2	$.35	**$.21**
ZZW1D2	.002	150	3/16 x 1/2	.35	**.21**
ZZW1D4	.004	150	7/32 x 1/2	.35	**.21**
ZZW1D6	.006	150	1/4 x 1/2	.35	**.21**
ZZW1S1	.01	150	9/32 x 1/2	.40	**.24**
ZYW6D1	.001	600	3/16 x 13/16	.65	**.39**
ZYW4D2	.002	400	3/16 x 13/16	.45	**.27**
ZYW4D5	.005	400	1/4 x 13/16	.50	**.30**
ZYW1S3	.03	150	9/32 x 13/16	.45	**.27**
ZYW1S5	.05	150	3/8 x 13/16	.50	**.30**

TYPE ZNW—Flat Units

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches T. x W. x L.	List Price	Net Price
ZNW6D1	.001	600	5/32 x 9/32 x 13/16	$.65	**$.39**
ZNW4D2	.002	400	5/32 x 9/32 x 13/16	.45	**.27**
ZNW4D5	.005	400	5/32 x 5/16 x 13/16	.50	**.30**
ZNW4D6	.006	400	5/32 x 5/16 x 13/16	.50	**.30**
ZNW4S1	.01	400	7/32 x 3/8 x 13/16	.55	**.33**
ZNW1S1	.01	150	5/32 x 5/16 x 13/16	.45	**.27**
ZNW1S2	.02	150	5/32 x 5/16 x 13/16	.50	**.30**
ZNW1S3	.03	150	5/32 x 3/8 x 13/16	.50	**.30**
ZNW1S5	.05	150	7/32 x 1/2 x 13/16	.55	**.33**
ZNW1P1	.1	150	7/32 x 5/8 x 1 1/16	.65	**.39**



"BLUE CUB" MOULDED CAPACITORS

These "Blue Cub" moulded plastic tubulars are especially designed for use in television sets, auto radio, a.c.-d.c. sets and other equipment where high temperatures are encountered. No shock, no vibration is too much for them. They are Vikane* impregnated **with leads welded to the capacitor section** and sealed in solid mold construction with final seal-dip of special moisture-proof compound. Capacity remains constant within 5% under most severe conditions of humidity and temperature from 70°F. to 212°F.

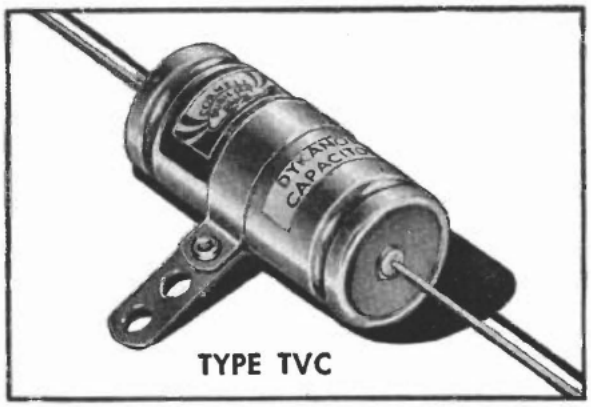
TYPE PTE "BLUE CUB" CAPACITORS

Cat. No.	Cap. Mfd.	Size—Inches Dia. x Length	List Price	Net Price
		400 V. D.C		
PTE4S1	.01	11/32 x 1 1/16	$.25	**$.15**
PTE4S2	.02	7/16 x 1 5/16	.25	**.15**
PTE4S5	.05	1/2 x 1 5/16	.30	**.18**
PTE4P1	.1	9/16 x 1 9/16	.35	**.21**
		600 V. D.C.		
PTE6D1	.001	11/32 x 1 1/16	.25	**.15**
PTE6D2	.002	11/32 x 1 1/16	.25	**.15**
PTE6D3	.003	11/32 x 1 1/16	.25	**.15**
PTE6D4	.004	11/32 x 1 1/16	.25	**.15**
PTE6D5	.005	11/32 x 1 1/16	.25	**.15**
PTE6D6	.006	7/16 x 1 5/16	.25	**.15**
PTE6S1	.01	7/16 x 1 5/16	.30	**.18**
PTE6S15	.015	7/16 x 1 3/8	.30	**.18**
PTE6S2	.02	1/2 x 1 5/16	.30	**.18**
PTE6S3	.03	5/16 x 1 9/16	.35	**.21**
PTE6S4	.04	9/16 x 1 9/16	.35	**.21**
PTE6S5	.05	9/16 x 1 9/16	.40	**.24**
PTE6P1	.1	11/16 x 1 15/16	.45	**.27**
		1600 V. D.C.		
PTE16D1	.001	7/16 x 1 3/8	.55	**.33**
PTE16D2	.002	7/16 x 1 3/8	.55	**.33**
PTE16D3	.003	7/16 x 1 3/8	.55	**.33**
PTE16D4	.004	1/2 x 1 3/8	.55	**.33**
PTE16D5	.005	9/16 x 1 9/16	.55	**.33**
PTE16D55	.0055	1/2 x 1 3/8	.55	**.33**
PTE16D6	.006	9/16 x 1 9/16	.55	**.33**
PTE16D7	.007	9/16 x 1 9/16	.55	**.33**
PTE16D75	.0075	9/16 x 1 9/16	.55	**.33**
PTE16D8	.008	9/16 x 1 9/16	.55	**.33**
PTE16S1	.01	9/16 x 1 9/16	.60	**.36**
PTE16S15	.015	9/16 x 1 9/16	.60	**.36**
PTE16S2	.02	11/16 x 1 15/16	.60	**.36**
PTE16S25	.025	11/16 x 1 15/16	.60	**.36**
PTE16S3	.03	11/16 x 1 15/16	.60	**.36**
PTE16S4	.04	11/16 x 1 15/16	.60	**.36**
		6000 V. D.C.		
PTE60T5	.0005	11/16 x 1 15/16	1.35	**.81**
PTE60D1	.001	11/16 x 1 15/16	1.35	**.81**
PTE60D5	.005	11/16 x 1 15/16	1.35	**.81**
		10000 V. D.C.		
PTE100T5	.0005	11/16 x 1 15/16	1.50	**.90**

* Reg. U. S. Pat. Off.

CORNELL DUBILIER

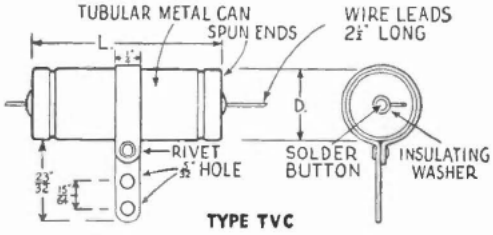
TUBULAR TELEVISION CAPACITORS



TYPE TVC

OIL-IMPREGNATED METAL TUBULAR UNITS

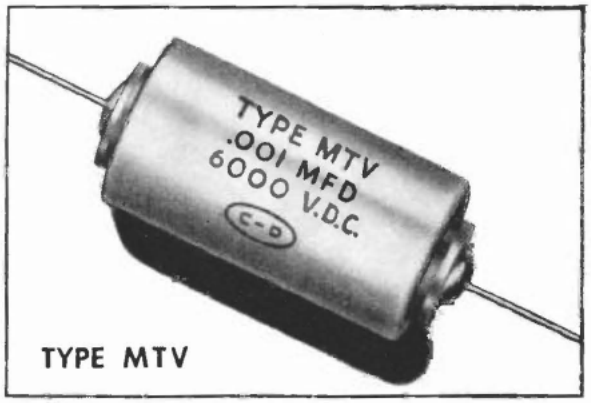
Type TVC capacitors are compact tubular metal can type units designed to withstand severe climatic conditions. They are non-inductively wound, impregnated with Dykanol "B" to maintain high insulation resistance.



TYPE TVC—Oil-Impregnated Capacitors*

Cat. No.	Cap. Mfd.	Size—Inches Dia. x Length	List Price	Net Price
		400 V. D.C.		
TVC 4D5	.005	7/16 x 1 1/8	$0.90	**$0.54**
TVC 4S1	.01	7/16 x 1 1/8	.90	**.54**
TVC 4S15	.015	7/16 x 1 1/8	1.00	**.60**
TVC 4S2	.02	7/16 x 1 1/4	1.00	**.60**
TVC 4S3	.03	7/16 x 1 3/8	1.05	**.63**
TVC 4S4	.04	17/32 x 1 1/4	1.05	**.63**
TVC 4S5	.05	17/32 x 1 3/8	1.05	**.63**
TVC 4P1	.1	5/8 x 1 11/16	1.15	**.69**
TVC 4P25	.25	3/4 x 2 1/16	1.45	**.87**
TVC 4P5	.5	1 x 2 1/16	1.70	**1.02**
		600 V. D.C.		
TVC 6D5	.005	7/16 x 1 1/8	.95	**.57**
TVC 6S1	.01	7/16 x 1 1/8	.95	**.57**
TVC 6S15	.015	7/16 x 1 1/8	1.00	**.60**
TVC 6S2	.02	7/16 x 1 1/8	1.05	**.63**
TVC 6S3	.03	17/32 x 1 1/8	1.10	**.66**
TVC 6S4	.04	9/16 x 1 1/8	1.10	**.66**
TVC 6S5	.05	9/16 x 1 1/4	1.10	**.66**
TVC 6P1	.1	5/8 x 1 1/2	1.25	**.75**
TVC 6P25	.25	3/4 x 1 13/16	1.70	**1.02**
TVC 6P5	.5	1 x 1 13/16	2.20	**1.32**
		1000 V. D.C.		
TVC 10D5	.005	17/32 x 1 1/8	1.10	**.66**
TVC 10S1	.01	17/32 x 1 1/8	1.10	**.66**
TVC 10S15	.015	17/32 x 1 1/8	1.20	**.72**
TVC 10S2	.02	17/32 x 1 1/4	1.20	**.72**
TVC 10S3	.03	17/32 x 1 3/8	1.20	**.72**
TVC 10S4	.04	17/32 x 1 1/2	1.20	**.72**
TVC 10S5	.05	9/16 x 1 5/8	1.30	**.78**
TVC 10P1	.1	5/8 x 2 1/16	1.50	**.90**
OIL-FILLED UNITS		**1600 V. D.C.**		
TVC 16D5	.005	5/8 x 1 5/16	1.20	**.72**
TVC 16S1	.01	5/8 x 1 5/16	1.20	**.72**
TVC 16S15	.015	5/8 x 1 9/16	1.25	**.75**
TVC 16S2	.02	5/8 x 1 11/16	1.30	**.78**
TVC 16S3	.03	5/8 x 2 1/16	1.30	**.78**
TVC 16S4	.04	3/4 x 1 13/16	1.30	**.78**
TVC 16S5	.05	7/8 x 1 11/16	1.40	**.84**

*For units provided with insulating sleeve over metal tube add 10c to list price. When ordering add "–6" to Cat. No. (Example TVC 4D5–6).



TYPE MTV

OIL-FILLED METAL TUBULAR UNITS

Type MTV capacitors are impregnated and filled with oil in hermetically sealed metal tube containers and provided with an insulating cardboard sleeve cover. They are small size units especially designed for use in assemblies where high temperatures are encountered, such as television receivers and similar high voltage equipment.

TYPE MTV—Oil-Filled Capacitors

Cat. No.	Cap. Mfd.	Size—Inches Dia. x Length	List Price	Net Price
		6000 V. D.C.		
MTV 60T5	.0005	1 x 1 3/4	$1.30	**$.78**
MTV 60D1	.001	1 x 1 3/4	1.30	**.78**
MTV 60D5	.005	1 x 1 7/8	1.30	**.78**
MTV 60S1	.01	1 x 2 1/4	1.40	**.84**
MTV 60S3	.03	1 3/8 x 2 5/8	1.50	**.90**
MTV 60S5	.05	1 5/8 x 3 1/4	1.60	**.96**

"BLUE CUB" PLASTIC TUBULAR UNITS

Type PTE capacitors are Vikane* impregnated to withstand high voltage breakdown test at low power factor and moulded in plastic for permanency and durability to withstand humidity and temperatures up to 300° F. without softening. They are provided with **wire leads securely welded to the capacitor section** which insures against possible opens and intermittents.

TYPE PTE—Moulded Plastic Capacitors

		6000 V. D.C.		
PTE 60T5	.0005	11/16 x 1 15/16	$1.35	**$.81**
PTE 60D1	.001	11/16 x 1 15/16	1.35	**.81**
PTE 60D5	.005	11/16 x 1 15/16	1.35	**.81**
		10000 V. D.C.		
PTE 100T5	.0005	11/16 x 1 15/16	1.50	**.90**

DOUBLE-BUILT CARDBOARD TUBULAR UNITS

Type DSTH tubular capacitors are designed to meet the high voltage circuit requirements of television receivers, ocilliscopes, and similar high voltage electronic equipment. They are thoroughly impregnated in Vikane*, wax filled and completely enclosed in **two separate concentric-wrapped, wax-sealed cardboard tube casings.** They provide an extra wide margin of safety factor and reliable performance in all circuits within their rated operating voltages and temperature up to 185° F.

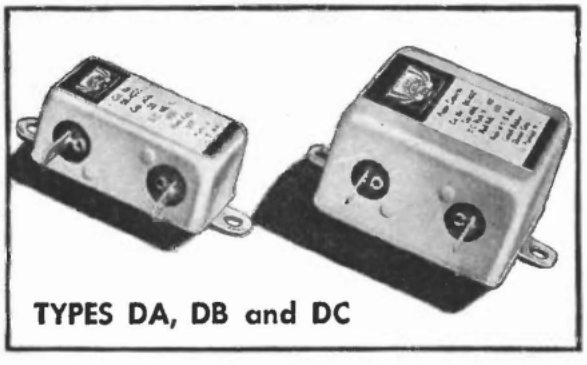
TYPE DSTH—VIKANE* Impregnated Capacitors

		3000 V. D.C.		
DSTH 30D1	.001	9/16 x 2 1/8	$ .95	**$.57**
DSTH 30D5	.005	7/8 x 2 1/8	1.00	**.60**
DSTH 30S1	.01	15/16 x 2 5/8	1.05	**.63**
DSTH 30S5	.05	1 3/8 x 3	1.20	**.72**
		4000 V. D.C.		
DSTH 40S1	.01	1 x 2 7/8	1.10	**.66**
DSTH 40S5	.05	1 7/16 x 3 1/2	1.25	**.75**
		6000 V. D.C.		
DSTH 60T5	.0005	3/4 x 2 3/4	1.10	**.66**
DSTH 60D1	.001	7/8 x 2 3/4	1.10	**.66**
DSTH 60D5	.005	1 1/16 x 3 1/4	1.15	**.69**
DSTH 60S1	.01	1 3/16 x 3 3/4	1.20	**.72**
DSTH 60S5	.05	1 15/16 x 5	1.35	**.81**

* Reg. U. S. Pat. Off.

CORNELL DUBILIER

DRAWN METAL SHELL PAPER CAPACITORS



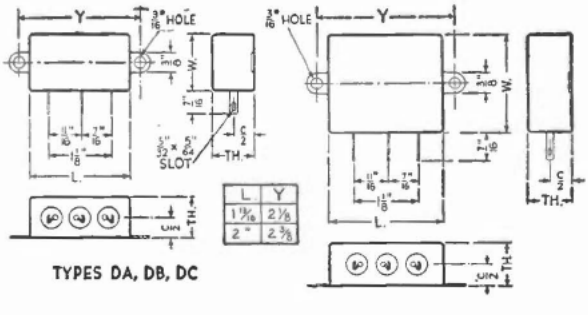
TYPES DA, DB and DC

WAX-FILLED CAPACITORS

Types DA to DC capacitors are non-inductively wound and wax-potted in drawn metal shell containers. They are available in a large variety of ratings for radio frequency bypass, audio frequency coupling and bypass functions. Lug terminals are amply insulated. Integral with casing, the mounting feet allow ease of assembly.

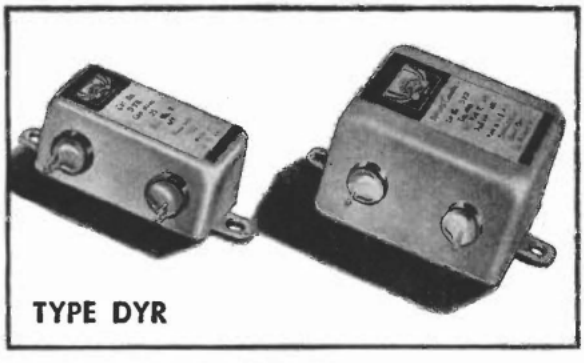
In the single and dual section capacitor units, the terminals are insulated from the container. The duals have three terminals, the common lug being on the left. In the triple section capacitors, the common terminal connection is grounded to the metal case.

All units are wound with the highest grade pure aluminum foil and multi-laminated kraft tissue, thoroughly dried under vacuum pressure, impregnated in the finest grade wax compound, oil-cooled, and potted in a special wax compound. Conservative D.C. ratings of these capacitors by triple testing assure dependable service in operation.



TYPES DA, DB, DC

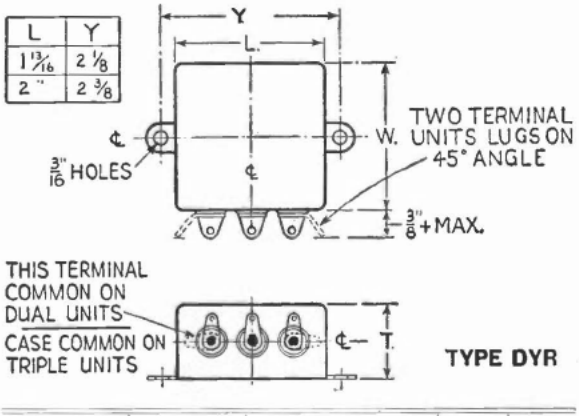
Cat. No.	Cap. Mfd.	Size—Inches Lth. x Wid. x Thick.	List Price	Net Price
		400 V. D.C. Work.		
DA 4011	.1	1 13/16 x 1 x 3/4	$1.75	**$1.05**
DA 4025	.25	1 13/16 x 1 x 3/4	2.00	**1.20**
DA 4050	.5	1 13/16 x 1 x 7/8	2.15	**1.29**
DA 4100	1	2 x 1 3/4 x 15/16	2.60	**1.56**
DA 4200	2	2 x 2 x 1 1/8	3.35	**2.01**
DB 4010	.1-.1	1 13/16 x 1 x 3/4	2.75	**1.65**
DB 4025	.25-.25	2 x 1 1/4 x 3/4	3.00	**1.80**
DB 4050	.5-.5	2 x 1 3/4 x 1	3.50	**2.10**
DC 4010	.1-.1-.1	1 13/16 x 1 x 3/4	3.40	**2.04**
		600 V. D.C. Work.		
DA 6011	.1	1 5/16 x 1 x 3/4	2.40	**1.44**
DA 6025	.25	1 13/16 x 1 3/4 x 3/4	2.55	**1.53**
DA 6050	.5	2 x 1 3/4 x 15/16	2.75	**1.65**
DA 6100	1	2 x 2 x 1 1/8	3.15	**1.89**



TYPE DYR

DYKANOL-FILLED CAPACITORS

Type DYR Dykanol Bypass Capacitors are non-inductively wound and meet the need for dependable capacitors of fractional capacities that will operate efficiently in R.F. and A.F. bypass, audio frequency coupling and A.C. circuits under all humidity conditions and at temperatures up to approximately 85° C. (185° F.). They are built to stand an immersion test in hot water and have been specially designed to fill the severe requirements of aircraft, submarine, marine and tropical applications for maximum capacity and voltage in minimum space, where quality and reliability are of paramount importance. They are impregnated and filled with Dykanol "G" and sealed in metal cases with leakproof riveted terminals.

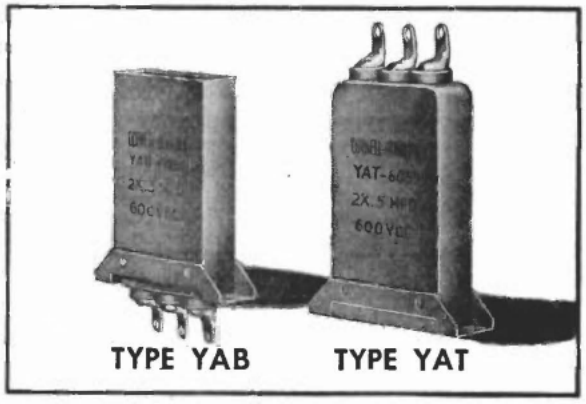


TYPE DYR

Cat. No.	Cap. Mfd.	Size—Inches Lth. x Wid. x Thick.	List Price	Net Price
		600 V. D.C. Work.		
DYR 6005	.05	1 13/16 x 1 x 3/4	$2.60	**$1.56**
DYR 6010	.1	1 13/16 x 1 x 3/4	2.65	**1.59**
DYR 6025	.25	1 13/16 x 1 x 3/4	2.80	**1.68**
DYR 6050	.5	1 13/16 x 1 x 7/8	3.00	**1.80**
DYR 6100	1	2 x 1 3/4 x 7/8	3.40	**2.04**
DYR 6200	2	2 x 2 x 1 1/8	4.55	**2.73**
DYR 60055	.05-.05	1 13/16 x 1 x 3/4	3.30	**1.98**
DYR 6011	.1-.1	1 13/16 x 1 x 3/4	3.35	**2.01**
DYR 6022	.25-.25	1 13/16 x 1 1/4 x 3/4	3.40	**2.04**
DYR 6055	.5-.5	2 x 1 3/4 x 7/8	3.90	**2.34**
DYR 6110	1.-1.	2 x 2 x 1 1/8	4.80	**2.88**
DYR 6111	.1-.1-.1	1 13/16 x 1 x 3/4	3.80	**2.28**
DYR 6222	.25-.25-.25	2 x 1 3/4 x 15/16	4.30	**2.58**
DYR 6555	.5-.5-.5	2 x 2 x 1 1/8	5.20	**3.12**
		1000 V. D.C. Work.		
DYR 10005	.05	1 13/16 x 1 x 3/4	2.75	**1.65**
DYR 10010	.1	1 13/16 x 1 x 3/4	2.85	**1.71**
DYR 10025	.25	1 13/16 x 1 x 3/4	2.95	**1.77**
DYR 10050	.5	2 x 1 3/4 x 15/16	3.20	**1.92**
DYR 10100	1	2 x 2 x 1 1/8	4.00	**2.40**
DYR 100055	.05-.05	1 13/16 x 1 x 3/4	3.50	**2.10**
DYR 10011	.1-.1	1 13/16 x 1 x 3/4	3.60	**2.16**
DYR 10022	.25-.25	2 x 1 3/4 x 15/16	3.80	**2.28**
DYR 10055	.5-.5	2 x 2 x 1 1/8	4.95	**2.97**
DYR 10111	.1-.1-.1	1 13/16 x 1 1/4 x 3/4	4.15	**2.49**
DYR 10222	.25-.25-.25	2 x 2 x 1 1/8	5.00	**3.00**

CORNELL DUBILIER

DRAWN METAL SHELL PAPER CAPACITORS



COMPACT DYKANOL CAPACITORS

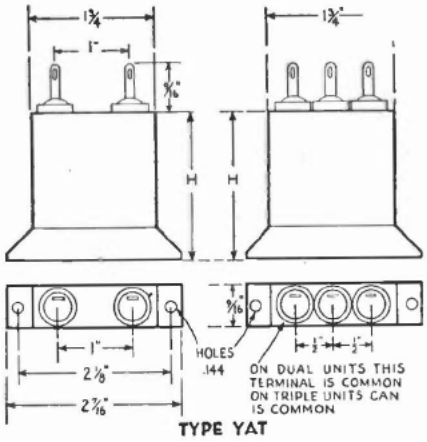
Types YAT and YAB are impregnated and filled with Dykanol "G" (chlorinated diphenyl) a synthetic, non-inflammable, non-oxidizable liquid compound which is unaffected by wide latitude of temperature changes or voltage stresses. They are especially suited for use in bypass, audio frequency coupling circuits and other applications where conditions of high humidity and temperatures are encountered.

Units are sealed in drawn metal shell containers and provided with leakproof terminals either on top or bottom of the can containers, designated as Types YAT and YAB accordingly. All units are provided with rugged metal mounting brackets which provide rigid mountings. Two or more units may be mounted close together in an assembly. Single section units are provided with two terminals while dual and triple section units have three terminals. In single and dual section units terminals are insulated from the metal container. The third terminal of dual section units is the common terminal and marked for identification. In triple section units the common terminal connection is grounded to the metal case.

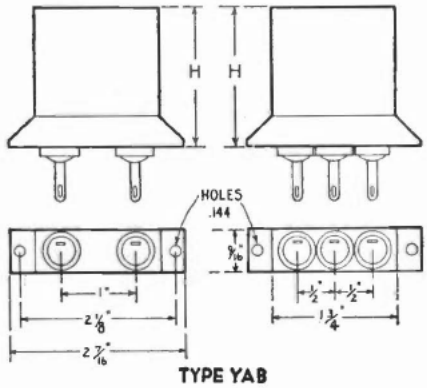
Types WAT and WAB Capacitors are smaller size units of similar construction and electrical characteristics but only supplied in single section units with two terminals. These units are ideally suited for use in assemblies where space is limited and multiple units may be mounted close together for compactness.

TYPES YAT AND YAB—Dykanol "G"
Impregnated and Filled Units

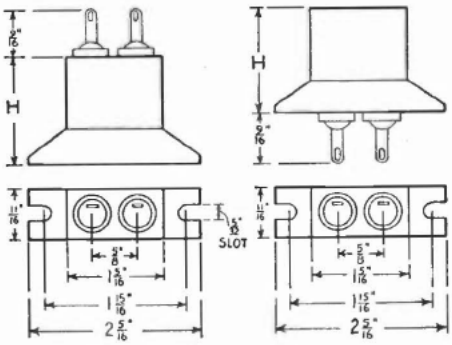
Cat. Nos.	Cap. Mfd.	Size—Inches L. x W. x H.	List Price	Net Price
		600 V. D.C. Work.		
YAT or YAB 6005	.05	2 7/16 x 9/16 x 1	$3.25	**$1.95**
YAT or YAB 6010	.1	2 7/16 x 9/16 x 1	3.25	**1.95**
YAT or YAB 6025	.25	2 7/16 x 9/16 x 1 1/2	3.50	**2.10**
YAT or YAB 6050	.5	2 7/16 x 9/16 x 1 7/8	3.75	**2.25**
YAT or YAB 6100	1.0	2 7/16 x 9/16 x 2 1/2	4.25	**2.55**
YAT or YAB 60055	.05-.05	2 7/16 x 9/16 x 1	3.30	**1.98**
YAT or YAB 6011	.1-.1	2 7/16 x 9/16 x 1 1/2	4.25	**2.55**
YAT or YAB 6022	.25-.25	2 7/16 x 9/16 x 1 7/8	4.25	**2.55**
YAT or YAB 6055	.5-.5	2 7/16 x 9/16 x 2 1/2	5.00	**3.00**
YAT or YAB 60555	.05-.05-.05	2 7/16 x 9/16 x 1	4.75	**2.85**
YAT or YAB 6111	.1-.1-.1	2 7/16 x 9/16 x 1 1/2	3.80	**2.28**
YAT or YAB 6222	.25-.25-.25	2 7/16 x 9/16 x 2 1/2	5.25	**3.15**
		1000 V. D.C. Work.		
YAT or YAB 10005	.05	2 7/16 x 9/16 x 1	$3.35	**$2.01**
YAT or YAB 10010	.1	2 7/16 x 9/16 x 1	3.60	**2.16**
YAT or YAB 10025	.25	2 7/16 x 9/16 x 1 7/8	3.75	**2.25**
YAT or YAB 10050	.5	2 7/16 x 9/16 x 2 1/2	4.00	**2.40**
YAT or YAB 100055	.05-.05	2 7/16 x 9/16 x 1 1/2	4.00	**2.40**
YAT or YAB 10011	.1-.1	2 7/16 x 9/16 x 1 1/2	4.50	**2.70**
YAT or YAB 10022	.25-.25	2 7/16 x 9/16 x 2 1/2	4.75	**2.85**
YAT or YAB 100555	.05-.05-.05	2 7/16 x 9/16 x 1 1/2	5.25	**3.15**
YAT or YAB 10111	.1-.1-.1	2 7/16 x 9/16 x 2 1/2	5.75	**3.45**



TYPE YAT



TYPE YAB



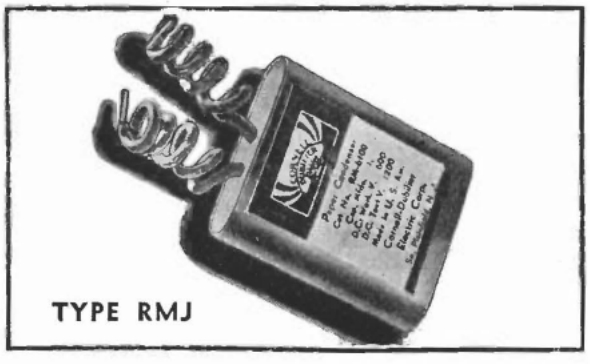
TYPE WAT TYPE WAB

TYPES WAT AND WAB—Dykanol "G"
Impregnated and Filled Units

Cat. Nos.	Cap. Mfd.	Size—Inches L. x W. x H.	List Price	Net Price
		600 V. D.C. Work.		
WAT or WAB 6005	.05	2 5/16 x 11/16 x 1 1/4	$3.50	**$2.10**
WAT or WAB 6010	.1	2 5/16 x 11/16 x 1 1/4	3.75	**2.25**
WAT or WAB 6025	.25	2 5/16 x 11/16 x 1 11/16	4.00	**2.40**
WAT or WAB 6050	.5	2 5/16 x 11/16 x 2 1/16	4.25	**2.55**
WAT or WAB 6100	1.0	2 5/16 x 11/16 x 2 1/2	4.75	**2.85**
		1000 V. D.C. Work.		
WAT or WAB 10005	.05	2 5/16 x 11/16 x 1 7/16	$3.75	**$2.25**
WAT or WAB 10010	.1	2 5/16 x 11/16 x 1 7/16	3.75	**2.25**
WAT or WAB 10025	.25	2 5/16 x 11/16 x 2 1/16	4.00	**2.40**
WAT or WAB 10050	.5	2 5/16 x 11/16 x 2 1/2	4.00	**2.40**

CORNELL DUBILIER

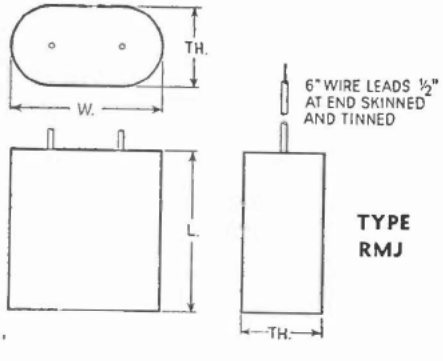
REPLACEMENT PAPER CAPACITORS



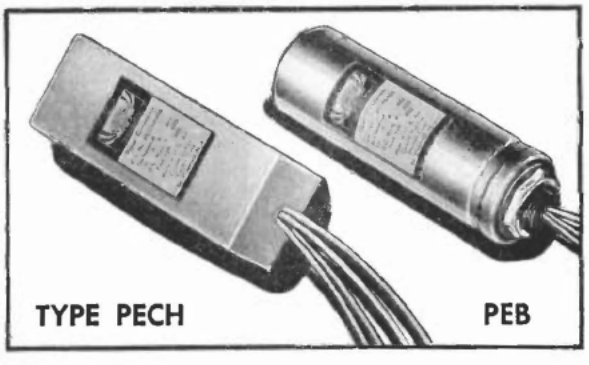
UNCASED PAPER CAPACITORS

Type RMJ uncased capacitors are made available to repair paper dielectric filter blocks which were used in the early models of A.C. operated radio sets. Also useful in the elimination of electrical interference caused by pushbuttons, bells, buzzers, and similar applications in radio, electronic and electrical devices.

Special capacitor units can be made up and potted into suitable containers by servicemen to fulfill many requirements.

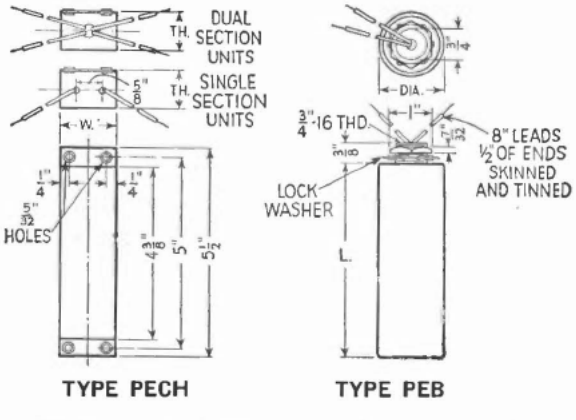


Cat. No.	Cap. Mfd.	Size—Inches Lth. x Wid. x Thick.	List Price	Net Price
	600 V. D.C.			
RMJ 6010	.1	2 x 1 x ¼	$0.80	$0.48
RMJ 6025	.25	2 x 1 x ½	.90	.54
RMJ 6050	.5	2 x 1½ x 21/32	1.05	.63
RMJ 6100	1	2 x 2 x 15/16	1.40	.84
RMJ 6200	2	3½ x 2 x 1	2.10	1.26
RMJ 6400	4	4⅜ x 2 1/16 x 1½	3.80	2.28



REPLACEMENTS FOR ELECTROLYTICS

Paper Replacement Capacitors that simulate electrolytics in appearance; these types fulfill many service requirements. There is no polarity to observe when using these capacitors. Mounting flanges are provided on all cardboard box units. Dual section units have separate leads.



Cat. No.	"Replacement" for Electrolytic Cap. Mfd.	Actual Capacity Approx. Mfd.	Size—Inches Length x Width x Thickness	List Price	Net Price
		600 V.D.C.			
PECH 6004	4	2	4⅜ x 1⅜ x 15/16	$2.00	$1.20
PECH 6008	8	5.5	4⅜ x 1⅝ x 1⅛	3.25	1.95
PECH 6808	8–8	2.7–2.7	4⅜ x 2 x 1½	4.00	2.40
PEB 6004	4	1.75	4⅜ x 1⅜	2.10	1.26
PEB 6008	8	2.75	4⅜ x 1⅜	3.50	2.10
PEB 6808	8–8	1.7–1.7	4⅜ x 1½	4.30	2.58

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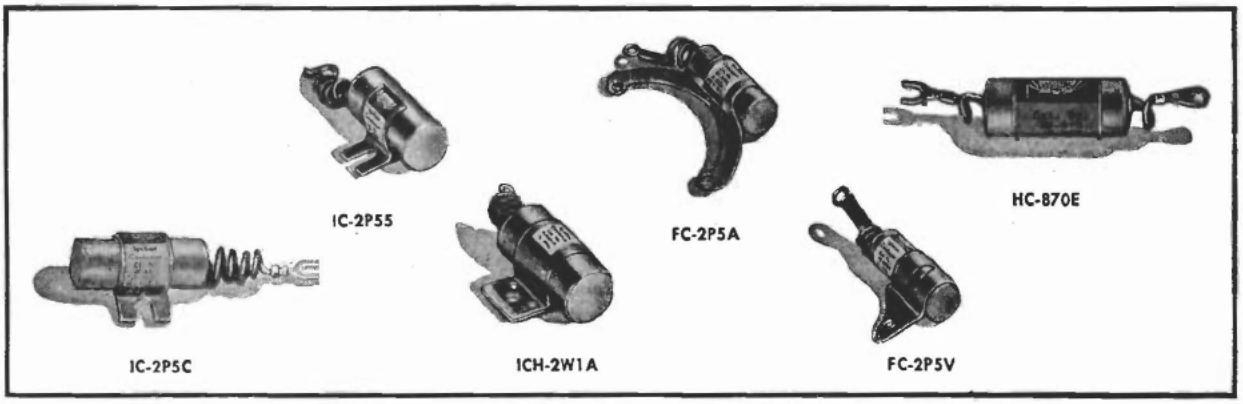
AUTO RADIO CAPACITORS



MOTOR GENERATOR AMMETER AND BUFFER CAPACITORS

The mechanical design of C-D Auto Radio Capacitors insures against damage by the high temperatures and excessive vibration existing under the hood of an auto. Special units such as these are designed for certain particular installations. Thus, for instance, Ford generator capacitor, FC-2P5V, has a special mounting bracket while others are also provided with special mountings and terminals.

GENERATOR UNITS

Cat. No.	Cap. Mfd.	Size—Inches Lth. x Dia.	List Price	Net Price
ICS 2S5A	.05	1 1/4 x 7/16	$ .65	$0.39
IC 2P5C	.5	1 7/8 x 11/16	.65	.39
FC 2P5A	.5	1 7/8 x 11/16	.85	.51
FC 2P5V	.5	1 7/8 x 11/16	.65	.39
IC 2P55	.5--.5	2 x 7/8	1.05	.63
ICH 2W1A	1.0	2 5/16 x 1	.90	.54
ICV 2P25A	.25	1 7/8 x 11/16	.60	.36
ICV 2P5A	.5	1 7/8 x 11/16	.65	.39
ICV 2W1A	1.0	2 5/16 x 1	.90	.54

AMMETER UNIT

HC 870E	.5	3/4 x 2	$ .65	$0.39

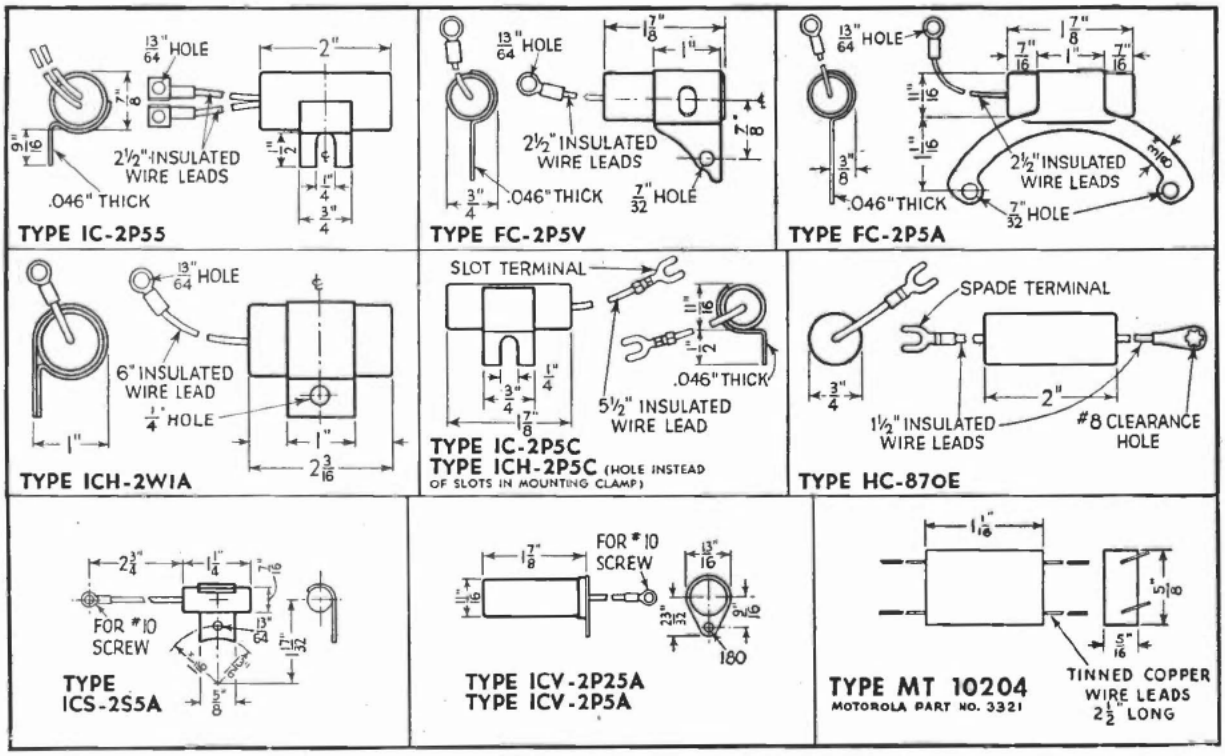
MOTOROLA NO. 3321 VIBRATOR UNIT

Cat. No.	Cap. Mfd.	V. D.C.	Size—Inches L. x W. T.	List Price	Net Price
MT 10204	2 x .0008	1600	5/8 x 11/16 x 5/16	$.65	$.39

VIBRATOR BUFFER UNITS

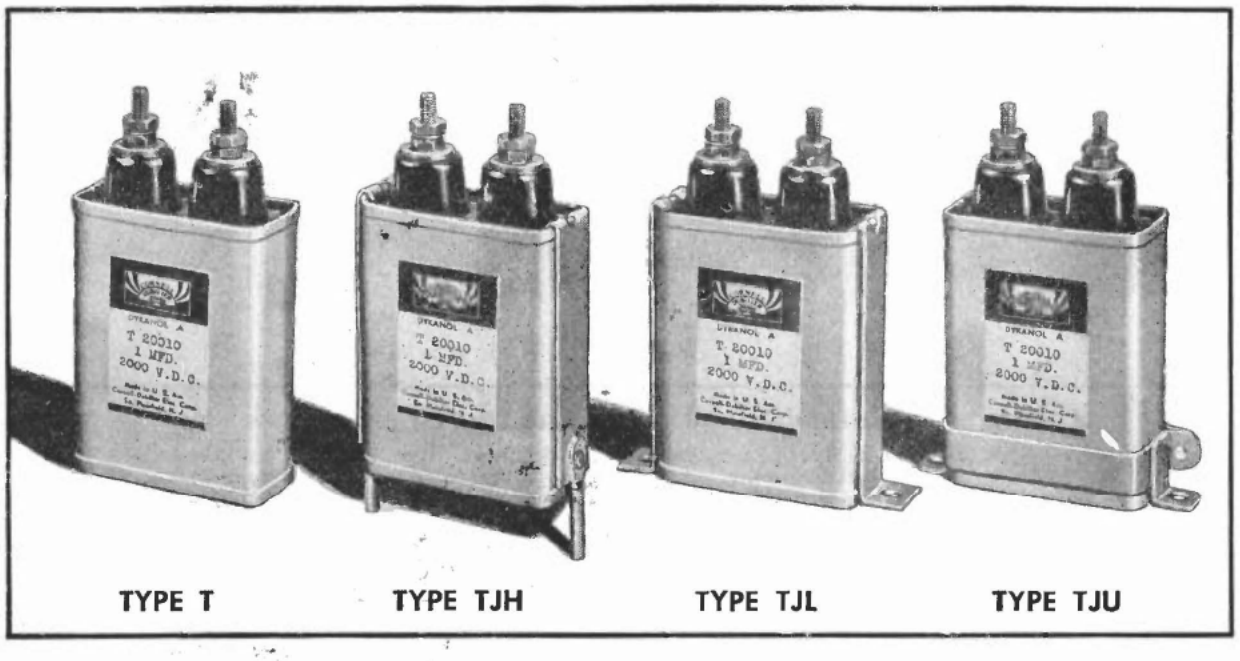
Cat. No.	Cap. Mfd.	Size—Inches Dia. x Lgth.	List Price	Net Price
Metal cased oil-impregnated and processed tubular paper capacitors with cardboard insulating sleeve and mounting strap. 2000 V.D.C. Peak.				
TVC 16D5-6	.005	11/16 x 1 1/2	$1.20	$0.72
TVC 16D7-6	.007	11/16 x 1 1/2	1.20	.72
TVC 16S1-6	.01	11/16 x 1 1/2	1.20	.72
TVC 16S2-6	.02	11/16 x 1 7/8	1.30	.78

For oil-impregnated and processed paper tubular capacitors, see Type PTE listed on page 8.



CORNELL DUBILIER

DYKANOL TRANSMITTING CAPACITORS



TYPE T CAPACITORS WITH VARIOUS TYPES OF MOUNTINGS

Type T-series Dykanol transmitting capacitors are the finest and most dependable units obtainable for use in all amateur, broadcast and commercial equipment. Units are provided with well insulated terminals, and mountings desired as shown in the accompanying illustrations. These units are standard in thousands of broadcast and government stations all over the world, and also employed in all types of sound equipment, television receivers and transmitters, and other electronic apparatus.

Type T capacitors are thoroughly impregnated and filled with Dykanol "G" (chlorinated diphenyl), a non-inflammable, fireproof, non-oxidizable liquid compound which provides a high factor of safety and exceptionally long life at high temperatures.

In the past, organic oils, resins, and waxes were used as paper impregnants in electrical insulation. Because of the variation of these natural materials, uniformity of results could be desired only and not attained. The concentrated attention of chemists and electrical engineers was turned toward the development of non-organic, synthetic substitutes and new substances, the properties of which could be controlled and modified as desired. The chlorinated diphenyls were recognized as outstanding among the rapidly increasing number of synthetics available. Of these compounds, continued research pointed to one narrow group, that known as Dykanol "G," the characteristics of which were particularly suited to the capacitor art. This material, having the lowest power factor compatible with the highest dielectric constant, is used as the impregnant in Type T capacitors.

For the dielectric separator in Type T capacitors, only the highest grade of kraft paper is used, ranging in thickness from .0003 to .001 of an inch for a single sheet. Three or more layers of paper dielectric as a separator between foil members are always used. The higher voltage units use as many as six or more layers. This multiple lamination builds a high safety factor into Type T capacitors.

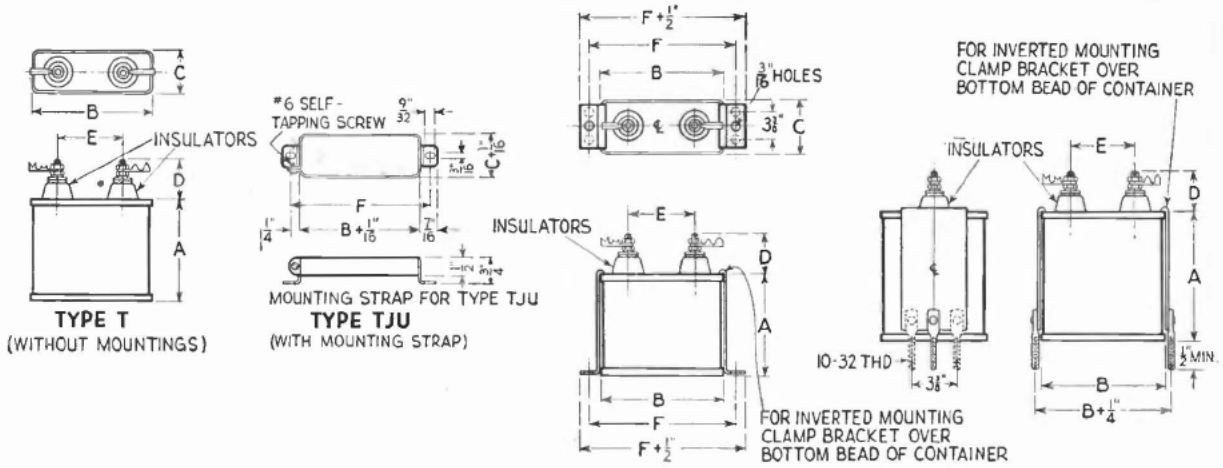
All paper is manufactured to meet rigid specifications and is subjected to a series of tests at the C-D laboratories before acceptance for use in these capacitors. The paper must be of exceptionally high quality to pass the tests. In order to determine its many characteristics, tests are made for porosity, tensile strength, effect of heating, conducting particles, dielectric strength, ash content and ash analysis, acidity or alkalinity, soluble impurities, general appearance, and mechanical considerations such as yield, thickness, width, etc.

Due to the use of Dykanol "G" and multi-layer kraft capacitor tissue in these units, many outstanding advantages are thus gained, i.e., small size, light weight, low dielectric stress and long life at higher operating temperatures. The size is reduced due to the high dielectric constant of Dykanol "G" which also affords reduction in weight. A low dielectric stress is obtained as the result of efficient use of container volume, and the high specific inductive capacity of the impregnant. And since the dielectric stress is low, the life of the unit in operation is greatly increased. The synthetic liquid impregnant employed in these capacitors does not oxidize or deteriorate like commonly used organic oils. For complete listing of Type T-series, see next page.

For higher voltage units, ranging from 6000 to 25,000 v.d.c., write for data and prices on Type TK capacitors.

CORNELL DUBILIER

DYKANOL TRANSMITTING CAPACITORS



TYPE DESIGNATIONS—Type T (basic units) are without mountings. To order Types TJH, TJL or TJU with mountings as shown above, add letter symbols of type mountings desired to Cat. No. as follows:

TYPE T—(Basic unit) without mountings.

TYPE TJH—With screw spade-lug brackets.

TYPE TJL—With mounting foot brackets.

TYPE TJU—With universal mounting strap.

Prices below include mounting brackets or universal mounting strap when ordered according to these type numbers.

Cat. No.	Cap. Mfd.	Dimensions—Inches A	B	C	D	E	F	List Price	Net Price
		600 V. D.C. Working							
T 6005	.5	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	$4.25	**$2.55**
T 6010	1	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	5.25	**3.15**
T 6020	2	2 7/8	1 13/16	1 1/16	7/8	13/16	2 1/4	6.50	**3.90**
T 6030	3	3 7/8	1 13/16	1 1/16	7/8	13/16	2 1/4	7.50	**4.50**
T 6040	4	3 5/8	2 1/2	1 5/16	7/8	1 1/8	3	8.25	**4.95**
T 6050	5	4 3/4	1 13/16	1 1/16	7/8	13/16	2 1/4	9.50	**5.70**
T 6060	6	4 5/8	2 1/2	1 5/16	7/8	1 1/8	3	10.25	**6.15**
T 6080	8	3 13/16	3 3/4	1 1/4	7/8	2	4 3/8	12.25	**7.35**
T 6100	10	4 5/8	3 3/4	1 1/4	7/8	2	4 3/8	13.75	**8.25**
		1000 V. D.C. Working							
T 10001	.1	2	1 13/16	1 1/16	7/8	13/16	2 1/4	3.75	**2.25**
T 100025	.25	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	4.25	**2.55**
T 10005	.5	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	4.50	**2.70**
T 10010	1	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	5.75	**3.45**
T 10020	2	4	1 13/16	1 1/16	7/8	13/16	2 1/4	7.50	**4.50**
T 10030	3	3 1/2	2 1/2	1 5/16	7/8	1 1/8	3	8.75	**5.25**
T 10040	4	4 5/8	2 1/2	1 5/16	7/8	1 1/8	3	9.50	**5.70**
T 10050	5	3 13/16	3 3/4	1 1/4	7/8	2	4 3/8	11.50	**6.90**
T 10060	6	4 3/4	3 3/4	1 1/4	7/8	2	4 3/8	12.75	**7.65**
T 10080	8	4 3/4	3 3/4	1 1/4	7/8	2	4 3/8	13.75	**8.25**
T 10100	10	4 5/8	3 3/4	1 3/4	7/8	2	4 3/8	15.25	**9.15**
T 10120	12	3 13/16	3 3/4	2 1/4	7/8	2	4 3/8	16.50	**9.90**
T 10150	15	4 3/4	3 3/4	2 1/2	7/8	2	4 3/8	18.25	**10.95**
		1500 V. D.C. Working							
T 15005	.5	2 7/8	1 13/16	1 1/16	7/8	13/16	2 1/4	5.75	**3.45**
T 15010	1	4	1 13/16	1 1/16	7/8	13/16	2 1/4	6.75	**4.05**
T 15020	2	4 1/8	2 1/2	1 5/16	7/8	1 1/8	3	9.50	**5.70**
T 15030	3	4 3/4	2 1/2	1 5/16	7/8	1 1/8	3	11.25	**6.75**
T 15040	4	4 5/8	3 3/4	1 1/4	7/8	2	4 3/8	12.75	**7.65**
T 15050	5	4 3/4	3 3/4	1 3/4	7/8	2	4 3/8	13.75	**8.25**
T 15060	6	4 3/4	3 3/4	1 3/4	7/8	2	4 3/8	15.50	**9.30**
T 15080	8	4 3/4	3 3/4	2 1/2	7/8	2	4 3/8	19.00	**11.40**
T 15100	10*	4 3/4	3 3/4	3 1/16	7/8	2	4 3/8	22.75	**13.65**
T 15120	12*	4 3/4	3 3/4	3 9/16	7/8	2	4 3/8	24.75	**14.85**
T 15150	†15*	4 3/4	3 3/4	4 1/16	7/8	2	4 3/8	27.25	**16.35**

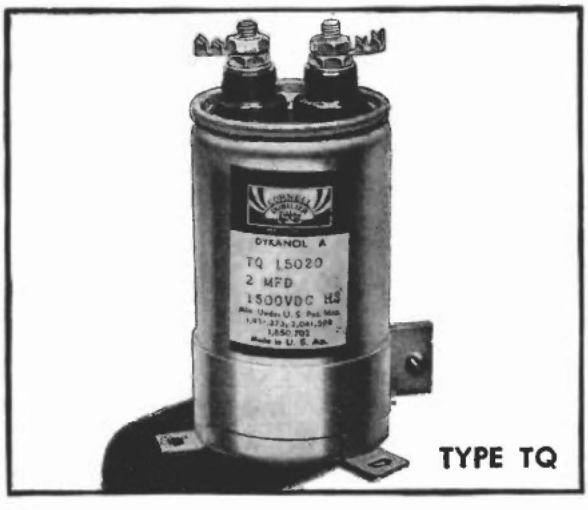
NOTES—* Type TJU units are not furnished in these larger sizes.
† TYPES TJL and TJH units furnished with two mounting holes or spade-lugs 3 3/8" apart. All other units furnished with a single mounting hole or spade-lug centered on each bracket.

Cat. No.	Cap. Mfd.	Dimensions—Inches A	B	C	D	E	F	List Price	Net Price
		2000 V. D.C. Working							
T 20001	.1	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	$6.00	**$3.60**
T 200025	.25	2 1/8	1 13/16	1 1/16	7/8	13/16	2 1/4	6.50	**3.90**
T 20005	.5	2 7/8	1 13/16	1 1/16	7/8	13/16	2 1/4	6.75	**4.05**
T 20010	1	3 3/8	2 1/2	1 5/16	1 1/4	1 3/8	3	8.25	**4.95**
T 20020	2	4	3 3/4	1 1/4	1 1/4	2	4 3/8	9.75	**5.85**
T 20030	3	4 3/4	3 3/4	1 1/4	1 1/4	2	4 3/8	12.00	**7.20**
T 20040	4	3 13/16	3 3/4	2 1/4	1 1/4	2	4 3/8	13.75	**8.25**
T 20050	5	4 3/4	3 3/4	2 1/4	1 1/4	2	4 3/8	15.25	**9.15**
T 20060	6*	4 3/4	3 3/4	3 5/16	1 1/4	2	4 3/8	18.25	**10.95**
T 20080	8*	4 3/4	3 3/4	3 5/16	1 1/4	2	4 3/8	22.75	**13.65**
T 20100	†10*	4 3/4	3 3/4	4 9/16	1 1/4	2	4 3/8	27.75	**16.65**
T 20120	†12*	5 3/8	3 3/4	4 9/16	1 1/4	2	4 3/8	30.25	**18.15**
		2500 V. D.C. Working							
T 25005	.5	3 1/2	3 3/4	1 1/4	1 1/4	2	4 3/8	10.50	**6.30**
T 25010	1	3 1/4	3 3/4	1 3/4	1 1/4	2	4 3/8	12.00	**7.20**
T 25020	2	4 3/4	3 3/4	1 3/4	1 1/4	2	4 3/8	19.50	**11.70**
T 25040	† 4*	4	3 3/4	4 9/16	1 1/4	2	4 3/8	27.25	**16.35**
T 25100A	†10*	6 3/8	3 3/4	4 9/16	1 1/4	2	4 3/8	68.25	**40.95**
		3000 V. D.C. Working							
T 30001	.1	2	2 1/2	1 5/16	1 1/4	1 1/8	1	12.75	**7.65**
T 300025	.25	2 1/2	2 1/2	1 5/16	1 1/4	1 1/8	3	13.50	**8.10**
T 30005	.5	3 7/8	2 1/2	1 9/16	1 1/4	1 1/8	3	15.25	**9.15**
T 30010	1	3 13/16	3 3/4	2 1/4	1 1/4	2	4 3/8	18.25	**10.95**
T 30020	2*	4 1/8	3 3/4	3 9/16	1 1/4	2	4 3/8	22.75	**13.65**
T 30040	† 4*	4 3/4	3 3/4	4 9/16	1 1/4	2	4 3/8	33.50	**20.10**
		4000 V. D.C. Working							
T 40001	.1	2 3/4	3 3/4	2 1/4	2	2	4 3/8	22.75	**13.65**
T 400025	.25	2 3/4	3 3/4	2 1/4	2	2	4 3/8	24.00	**14.40**
T 40005	.5	4	3 3/4	2 1/4	2	2	4 3/8	27.25	**16.35**
T 40010	1	5	3 3/4	2 1/4	2	2	4 3/8	33.50	**20.10**
T 40020	† 2*	5	3 3/4	4 9/16	2	2	4 3/8	42.50	**25.50**
T 40040A	† 4*	8	3 3/4	4 9/16	2	1 3/4	4 3/8	60.75	**36.45**
		5000 V. D.C. Working							
T 50005	.5	4 1/4	3 3/4	2 1/4	2	2	4 3/8	30.25	**18.15**
T 50010	† 1*	4 1/4	3 3/4	4 9/16	2	2	4 3/8	38.00	**22.80**
T 50020	† 2*	6	3 3/4	4 9/16	2	2	4 3/8	48.75	**29.25**
		6000 V. D.C. Working							
T 60010A	† 1*	8	3 3/4	4 9/16	2	1 3/4	4 3/8	76.00	**45.60**

For higher voltage units, from 6000 to 25,000 v.d.c., write for data and prices on Type TK capacitors.

CORNELL DUBILIER

DYKANOL TRANSMITTING CAPACITORS

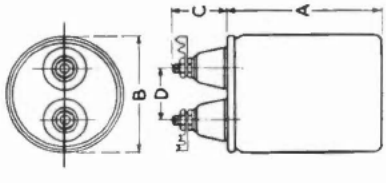


TYPE TQ

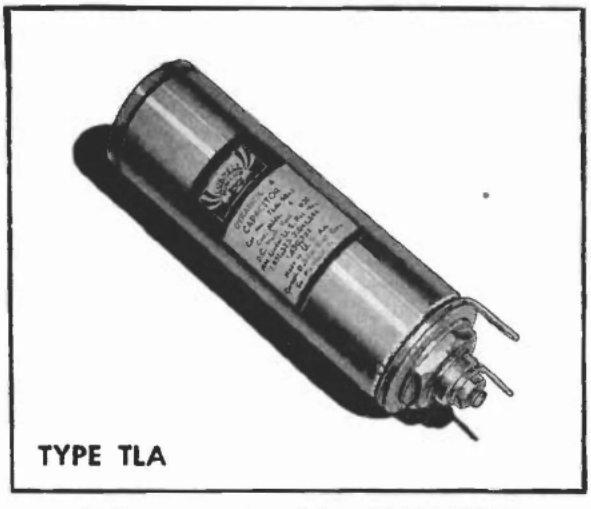
ROUND CAN-TYPE CAPACITORS

Type TQ Dykanol Capacitors, in round metal containers are provided with two insulated terminals and universal mounting rings for mounting the unit in any position with terminals either above or below a subpanel assembly.

TYPE TQ



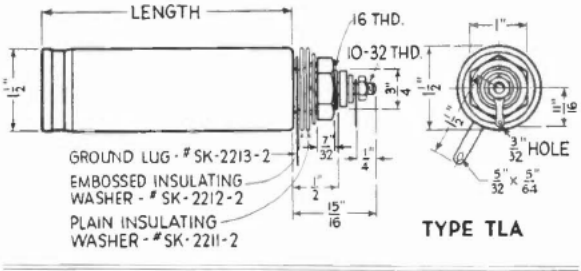
Cat. No.	Cap. Mfd.	Dimensions—Inches A	B	C	D	List Price	Net Price
		600 Volts D.C. Working					
TQ 6020	2	2 1/8	2	1	13/16	$4.95	**$2.97**
TQ 6040	4	2 3/4	2	1	13/16	6.85	**4.11**
		1000 Volts D.C. Working					
TQ 10010	1	1 7/8	2	1	13/16	4.20	**2.52**
TQ 10020	2	2 1/2	2	1	13/16	5.70	**3.42**
TQ 10040	4	3 7/8	2	1	13/16	7.25	**4.35**
		1500 Volts D.C. Working					
TQ 15010	1	2 3/8	2	1	13/16	5.30	**3.18**
TQ 15020	2	3 5/8	2	1	13/16	7.25	**4.35**
		2000 Volts D.C. Working					
TQ 20010	1	3 1/8	2	1	13/16	6.85	**4.11**
TQ 20020	2	4 7/8	2	1	13/16	7.60	**4.56**
TQ 20040	4	4 3/8	3	1 1/4	1 1/4	10.75	**6.45**
		3000 Volts D.C. Working					
TQ 30010	1	3 1/4	3	1 1/4	1 1/4	13.75	**8.25**
TQ 30020	2	5 1/4	3	1 1/4	1 1/4	16.75	**10.05**



TYPE TLA

ONE-HOLE MOUNTING CAPACITORS

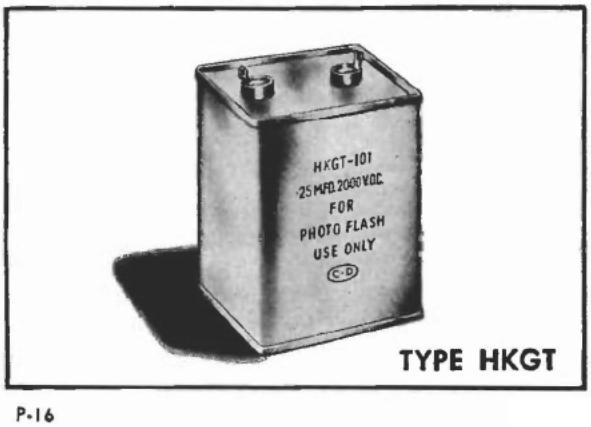
Type TLA capacitors are thoroughly impregnated and filled with Dykanol "G" (chlorinated diphenyl), a non-inflammable, fireproof, non-oxidizable liquid compound which provides a high factor of safety and exceptionally long life.



TYPE TLA

Cat. No.	Cap. Mfd.	D.C. W. Volts	Size—Inches Lgth. x Diam.	List Price	Net Price
TLA 6020	2	600	2 7/8 x 1 1/2	$4.15	**$2.49**
TLA 6040	4	600	4 1/2 x 1 1/2	5.70	**3.42**
TLA 10010	1	1000	2 7/8 x 1 1/2	3.80	**2.28**
TLA 10020	2	1000	4 1/2 x 1 1/2	4.95	**2.97**
TLA 15005	.5	1500	2 7/8 x 1 1/2	4.55	**2.73**
TLA 15010	1	1500	4 1/2 x 1 1/2	4.95	**2.97**
TLAD 6020	2	600	2 7/8 x 1 1/2	$4.90	**$2.94**
TLAD 6040	4	600	4 1/2 x 1 1/2	6.45	**3.87**
TLAD 10010	1	1000	2 7/8 x 1 1/2	4.55	**2.73**
TLAD 10020	2	1000	4 1/2 x 1 1/2	5.70	**3.42**
TLAD 15005	.5	1500	2 7/8 x 1 1/2	5.30	**3.18**
TLAD 15010	1	1500	4 1/2 x 1 1/2	5.70	**3.42**

Type TLAD units are insulated from can with two terminals.



TYPE HKGT

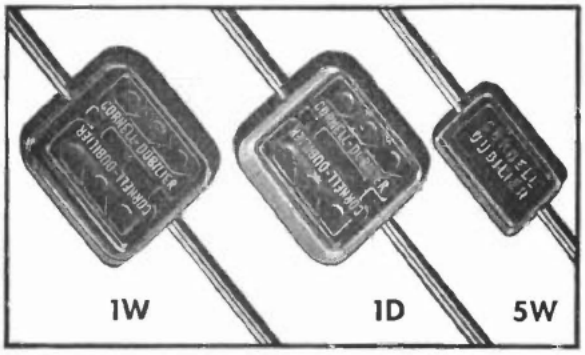
PHOTO-FLASH ENERGY STORAGE CAPACITORS

Cat. No.	Cap. Mfd.	Watt Sec.	Size—Inches L. x W. x H.	Apprx. Wt. Lbs.	List Price	Net Price
			2000 V. D.C. Peak			
HKGT 1A00	15	30	3 3/4 x 2 1/4 x 4 3/4	2 1/4	$17.00	**$10.20**
HKGT 1A01	25	50	3 3/4 x 4 5/16 x 4 3/4	4 1/4	19.00	**11.40**
			2250 V. D.C. Peak			
HKGT 115	28	71	3 3/4 x 4 3/16 x 4 3/4	4 1/4	31.00	**18.60**
			2500 V. D.C. Peak			
HKGT 1A02	15	50	3 3/4 x 2 1/2 x 6 5/8	3 1/4	17.00	**10.20**
HKGT 103	25	80	3 3/4 x 4 5/16 x 6 5/8	5 3/4	23.00	**13.80**
HKGT 104	32	100	3 3/4 x 4 5/16 x 6 5/8	6	37.00	**22.20**
			4000 V. D.C. Peak			
T112-1	12	96	3 3/4 x 4 3/16 x 5 1/8	5 1/4	26.00	**15.60**

NOTE: Special units can also be furnished in other ratings or round can construction on special order upon request.

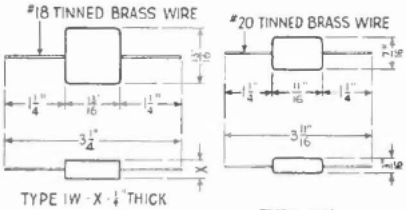
CORNELL DUBILIER

MOULDED MICA RECEIVING CAPACITORS



MOULDED BAKELITE UNITS

Types 1W, 1D, and 5W are suitable for numerous electronic uses and are specially adapted to serve many important functions in low-voltage radio receiving circuits. They are individually tested for accuracy of capacity and voltage breakdown and designed to give dependable service where small size units are required.

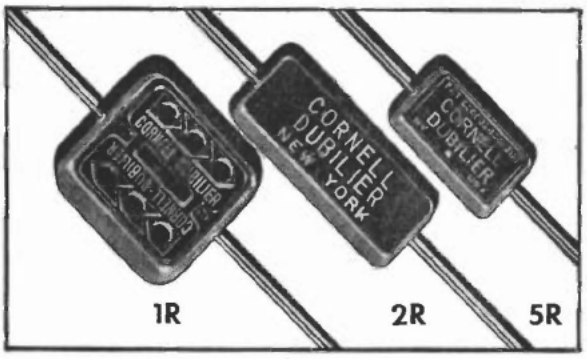


Cap. Mfd.	1000 V. D.C. Test—500 V. D.C. Work. Type 5W Cat. No.	Type 1W Cat. No.	Type 1D Cat. No.	List Price	Net Price
.000005	5W 5V5			$0.25	$0.15
.00001	5W 5Q1			.25	.15
.00002	5W 5Q2			.25	.15
.000025	5W 5Q25			.25	.15
.00003	5W 5Q3			.25	.15
.00004	5W 5Q4			.20	.12
.00005	5W 5Q5			.20	.12
.00007	5W 5Q7			.20	.12
.0001	5W 5T1			.20	.12
.00015	5W 5T15			.20	.12
.0002	5W 5T2			.20	.12
.00025	5W 5T25			.25	.15
.0003	5W 5T3			.25	.15
.0004	5W 5T4			.25	.15
.0005	5W 5T5			.25	.15
.0006		1W 5T6		.25	.15
.0007		1W 5T7		.25	.15
.0008		1W 5T8		.25	.15
.0009		1W 5T9		.25	.15
.001		1W 5D1		.30	.18
.0015		1W 5D15		.30	.18
.002		1W 5D2		.40	.24
.0025		1W 5D25		.45	.27
.003		1W 5D3		.50	.30
.004			1D 5D4	.55	.33
.005			1D 5D5	.60	.36
.006			1D 5D6	.75	.45
			600 V. D.C. Test 300 V. D.C. Working		
.007			1D 3D7	.90	.54
.008			1D 3D8	1.00	.60
.009			1D 3D9	1.00	.60
.01			1D 3S1	1.20	.72

Notes On Ordering Special Units

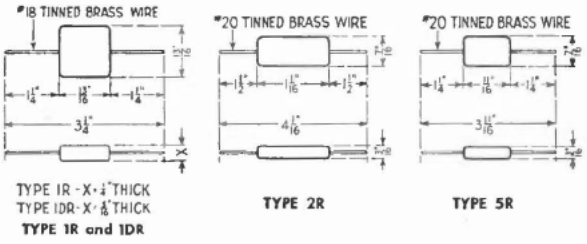
The listing above gives the range of capacities available from stock. Intermediate capacities, not exceeding the maximum as listed for each type, can also be furnished upon request.

Standard capacity tolerance is plus or minus 20%. Also available, on order, in plus or minus 10%, 5%, 3% and 2% tolerance ratings (or within 1 mmfd.—whichever is greater). For capacity tolerance of: 10% add 10% to list prices; 5% add 20% to list prices; 3% add 40% to list prices; 2% add 75% to list prices.



HIGH-STABILITY "SILVER-MIKE" UNITS

Types 1R, 1DR, 2R and 5R "Silver-Mike" silvered mica capacitors are designed for use in high Q electronic circuits where frequency stability and minimum loss must be maintained. They are ideally suited for use in circuits where the LC product must be maintained constant, and particularly adapted for use in tuning IF transformers, push-button tuning circuits and other similar applications. Standard units are moulded in low-loss red bakelite.



Cap. Mfd.	1000 V. D.C. Test—500 V. D.C. Work. Type 5R Cat. No.	Type 2R Cat. No.	Type 1R & 1DR Cat. No.	List Price	Net Price
.000005	5R 5V5			$0.45	$0.27
.00001	5R 5Q1			.40	.24
.00002	5R 5Q2			.40	.24
.000025	5R 5Q25			.40	.24
.00003	5R 5Q3			.40	.24
.00004	5R 5Q4			.40	.24
.00005	5R 5Q5			.40	.24
.00007	5R 5Q7			.40	.24
.0001	5R 5T1	2R 5T1		.40	.24
.00015	5R 5T15	2R 5T15		.45	.27
.0002	5R 5T2	2R 5T2		.45	.27
.00025	5R 5T25	2R 5T25		.45	.27
.0003	5R 5T3	2R 5T3		.55	.33
.0004	5R 5T4	2R 5T4		.65	.39
.0005	5R 5T5	2R 5T5		.70	.42
.0007		2R 5T7		.85	.51
.0008		2R 5T8		.95	.57
.0009		2R 5T9		1.00	.60
.001		2R 5D1	1R 5D1	1.10	.66
.0015			1R 5D15	1.35	.81
.002			1R 5D2	1.35	.81
.0025			1R 5D25	1.80	1.08
.003			1R 5D3	2.05	1.23
.004			1DR 5D4	2.15	1.29
.005			1DR 5D5	2.25	1.35

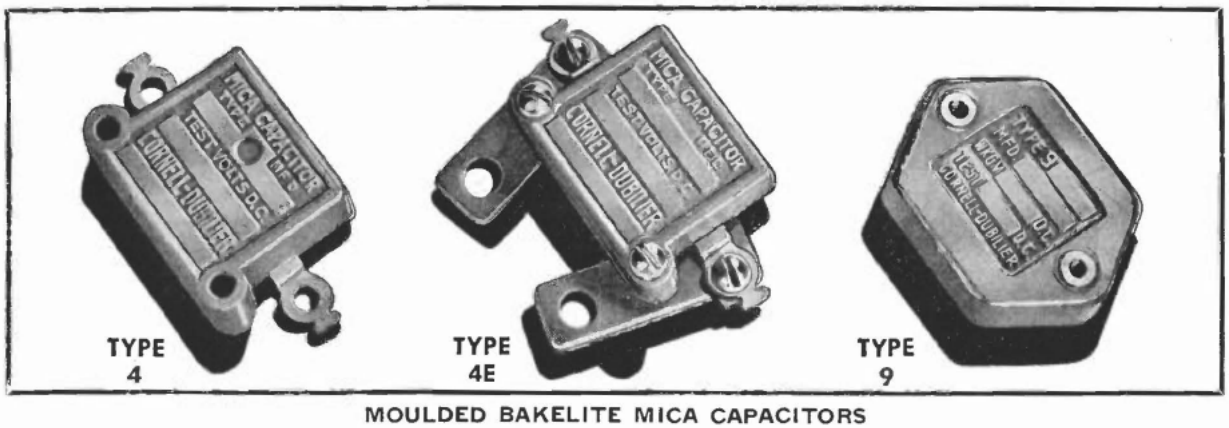
Notes On Ordering Special Units

The listing above gives range of capacities which are available from stock. Intermediate capacities, not exceeding the maximum as listed for each type, can also be furnished upon request.

Standard capacity tolerance is 5%. Also available, on special order, in tolerance ratings of plus or minus 3%, add 10% to list prices, 2% add 15% to list prices and 1% add 25% to list prices, (or within 1 mmfd.—whichever is greater). All types can also be supplied in plus or minus 10% and 20% tolerances at lower prices.

CORNELL DUBILIER

MOULDED MICA TRANSMITTING CAPACITORS



MOULDED BAKELITE MICA CAPACITORS

C-D Mica Capacitors Types 4 and 9 are designed to meet the requirements of power amplifiers and low-power transmitters. They are principally employed for grid and plate blocking purposes and for r. f. by-pass functions.

TYPE 4

Cat. No.	Cap. Mfd.	List Price	Net Price
1200 V. D.C. Test— 600 V. D.C. Working			
4-14050	.00005	$0.70	$0.42
4-13010	.0001	.70	.42
4-13020	.0002	.70	.42
4-13025	.00025	.70	.42
4-13030	.0003	.70	.42
4-13040	.0004	.70	.42
4-13050	.0005	.70	.42
4-12010	.001	.70	.42
4-12015	.0015	.70	.42
4-12020 *	.002	.80	.48
4-12025	.0025	.90	.54
4-12030	.003	1.00	.60
4-12040	.004	1.00	.60
4-12050	.005	1.00	.60
4-12060	.006	1.20	.72
4-12070	.007	1.30	.78
4-12080	.008	1.40	.84
4-11010	.01	1.60	.96
4-11015	.015	1.80	1.08
4-11020 †	.02	2.20	1.32
4-11025	.025	2.65	1.59
4-11030	.03	2.95	1.77
2500 V. D.C. Test— 1200 V. D.C. Working			
4-24050	.00005	$1.00	$0.60
4-23010	.0001	1.00	.60
4-23020	.0002	1.00	.60
4-23025	.00025	1.00	.60
4-23030	.0003	1.00	.60
4-23050 *	.0005	1.00	.60
4-22010	.001	1.25	.75
4-22015	.0015	1.60	.96
4-22020	.002	1.90	1.14
4-22025	.0025	2.00	1.20
4-22030	.003	2.10	1.26
4-22040	.004	2.10	1.26
4-22050	.005	2.40	1.44
4-22060 †	.006	2.40	1.44
4-22080	.008	3.10	1.86
4-21010	.01	3.90	2.34
5000 V. D.C. Test— 2500 V. D.C. Working			
4-54050	.00005	$1.25	$0.75
4-53010	.0001	1.25	.75
4-53020	.0002	1.40	.84
4-53025	.00025	1.50	.90
4-53030 *	.0003	1.55	.93
4-53050	.0005	1.70	1.02
4-52010	.001	2.05	1.23
4-52015	.0015	2.70	1.62
4-52020	.002	3.10	1.86
4-52025	.0025	3.45	2.07
4-52030 †	.003	3.80	2.28
4-52040	.004	4.35	2.61
4-52050	.005	4.70	2.82

* Dimension "A" in diagram—15/32"
† Dimension "A" in Diagram—3/4"

TYPE 9

Cat. No.	Cap. Mfd.	List Price	Net Price
1200 V. D.C. Test— 600 V. D.C. Working			
9-14050	.00005	$0.85	$0.51
9-13010	.0001	.85	.51
9-13025	.00025	.85	.51
9-13050	.0005	.85	.51
9-12010	.001	.85	.51
9-12020	.002	.90	.54
9-12025	.0025	1.00	.60
9-12030	.003	1.20	.72
9-12040 *	.004	1.20	.72
9-12050	.005	1.20	.72
9-12060	.006	1.40	.84
9-12080	.008	1.65	.99
9-11010	.01	1.95	1.17
9-11015	.015	2.25	1.35
9-11020	.02	2.60	1.56
9-11025	.025	3.20	1.92
9-11030	.03	3.45	2.07
9-11040	.04	4.50	2.70
9-11050 †	.05	5.35	3.21
9-11060	.06	6.20	3.72
2500 V. D.C. Test— 1200 V. D.C. Working			
9-24050	.00005	$1.00	$0.60
9-23010	.0001	1.00	.60
9-23025	.00025	1.00	.60
9-23050	.0005	1.00	.60
9-22010	.001	1.25	.75
9-22020	.002	1.90	1.14
9-22025 *	.0025	2.00	1.20
9-22030	.003	2.20	1.32
9-22040	.004	2.20	1.32
9-22050	.005	2.40	1.44
9-22060	.006	2.40	1.44
9-22080	.008	3.10	1.86
9-21010	.01	3.90	2.34
9-21015	.015	4.65	2.79
9-21020 †	.02	5.45	3.27
9-21025	.025	6.10	3.66
9-21030	.03	6.40	3.84
5000 V. D.C. Test— 2500 V. D.C. Working			
9-54050	.00005	$1.25	$0.75
9-53010	.0001	1.25	.75
9-53025	.00025	1.50	.90
9-53050	.0005	1.70	1.02
9-52010 *	.001	2.05	1.23
9-52020	.002	3.10	1.86
9-52025	.0025	3.45	2.07
9-52030	.003	3.80	2.28
9-52040	.004	4.35	2.61
9-52050	.005	4.70	2.82
9-52060	.006	4.85	2.91
9-52080 †	.008	5.30	3.18
9-51010	.01	5.70	3.42
9-51015	.015	6.20	3.72

Notes on Ordering Special Capacitors

Type No. Suffix

STANDARD TOLERANCE is plus or minus 10%. Also available on order in plus or minus 5% and 2%. For capacity tolerance of: 5% add 15c to list prices; 2% add 40c to list prices.

"L" MOULDED IN LOW-LOSS BAKELITE available on order. Add "L" to Cat. No. (example: 4L-22060; 9L-11010). Add 25c to list prices.

"S" SPECIAL SALT WATER IMMERSION SEAL AGAINST HUMIDITY. To order, add "S" to Cat. No. (example: 4S-53010; 9S-12050). Add 10c to list prices.

"T" HEAT AGEING TREATMENT for stabilizing capacity over extremely wide temperature changes, minus 40° C. to plus 70° C., furnished on special order. Add "T" to Cat. No. (example: 4T-12010; 9T-21020). Add 15c to list prices

"LST" TO ORDER A COMBINATION OF ABOVE FEATURES, add letters specified to Cat. No. (example: 4LST-12040; 9LST-13020). Add 50c to list prices.

INSULATION RESISTANCE—Brown Bakelite, 20,000 megohms per unit—Low-Loss Bakelite. 40,000 megohms per unit. Low-Loss Bakelite provides higher Q and lowers the power factor.

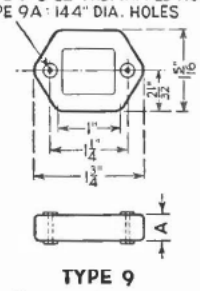
"4E" SMALL METER BRACKETS adapted for Weston Model 301 meters, add "E" to Cat. No. (example: 4E-22050). Add 20c to list prices.

"9A" UNTAPPED MOUNTING HOLES. Standard units are tapped for 6-32 and furnished with round head screws. For untapped mounting hole, .144" diameter (No. 6 clearance), add "A" to Cat. No. (example: 9A-11030).

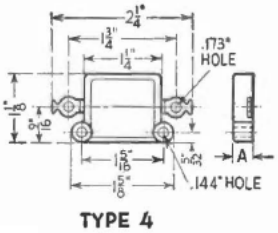
"9F" HIGHER VOLTAGE CONSTRUCTION, rated 6,000 v.d.c. test, 3,000 v.d.c.—1500 v.a.c. operating. Capacity range limited. Moulded in low-loss Bakelite, BM 262. The thickness of these units, or "A" dimension, is 1/16" for capacities up to .002 mfd. and 3/4" for capacities from .0022 to .005 mfd. max. To order, add "F" to Cat. No. (example: 9F-63050, the numeral "6" designating 6,000 volts test). Prices of "9F" units are double the list prices shown.

"9R" HIGH STABILITY UNITS—Special high stability units, comprising low-loss Bakelite, BM 262, temperature aged and sealed construction for use as low power master oscillator tank capacitors or accessory positions. These units are fixed and permanent in characteristics, having a capacity-temperature coefficient of approximately plus .003% (30 parts per million) per degree C. To order, add "R" to Cat. No. (example: 9R-52020). Prices of 9R units are double the list prices shown.

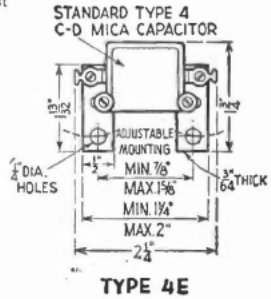
TYPE 9: 6-32 THD. TAPPED HOLES
TYPE 9A: 144" DIA. HOLES



TYPE 9



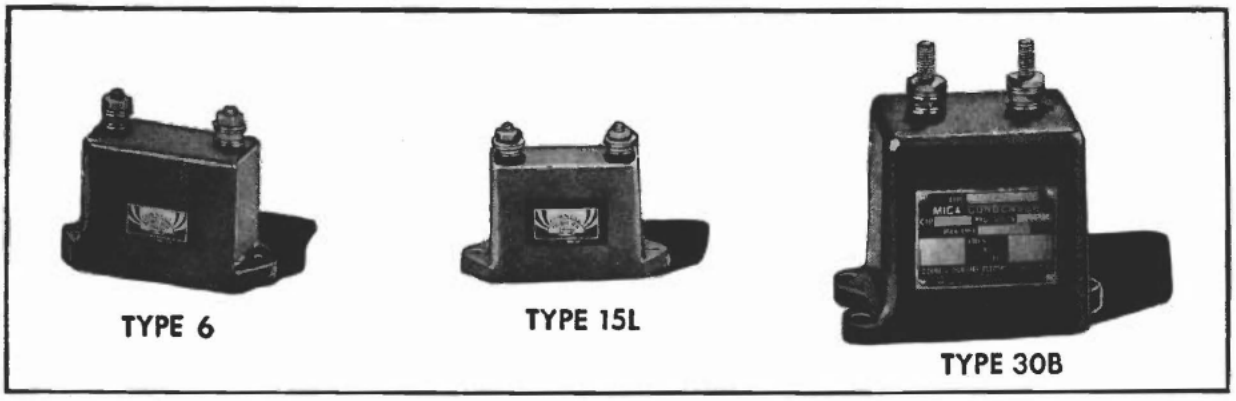
TYPE 4



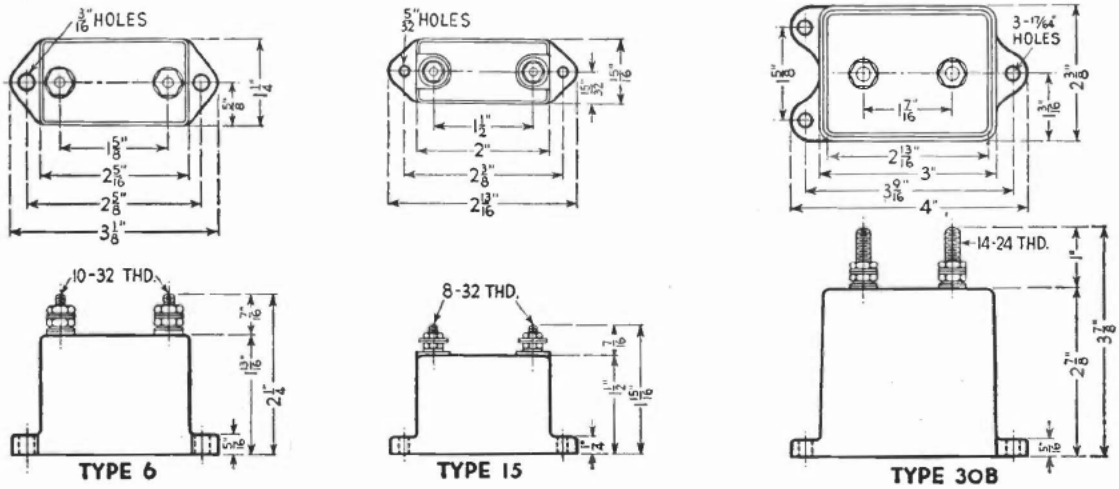
TYPE 4E

CORNELL DUBILIER

BAKELITE CASED MICA TRANSMITTING CAPACITORS



BAKELITE CASED MICA CAPACITORS



Types 6, 15L and 30B Mica Capacitors in moulded bakelite cases are designed for a wide variety of radio frequency applications where size and weight are at a premium, such as in aircraft, portable equipment, low-power transmitters and the earlier stages of high-power transmitters. They are specially suited for use as grid, plate, coupling, tank and by-pass functions. These units are among the smallest types employing the patented series-stack construction permitting their use on higher r.f. voltages.

Notes on Ordering Special Capacitors

Type 15L units are available only in low-loss Bakelite (BM-262 or equivalent) cases. Types 6 and 30B may be had in either standard (brown) or low-loss (yellow) Bakelite cases. When ordering low-loss units, add "L" to Cat. No. (example: 217-6L; 604-30BL). Add $1.00 to list price for Type 6. Add $1.50 to list price for Type 30B.
STANDARD CAPACITY TOLERANCES—Plus or minus 5%. Tolerance of 2% can be furnished on special order. Add $1.50 to list price for Types 6 and 15L. Add $2.00 to list price for Type 30B.
OPERATING AMBIENT TEMPERATURE—Up to 60° C. maximum.
SALT WATER IMMERSION SEAL—To order, add "S" to Cat. No. (example: 246-6S; 726-15LS; 113-30BS). Add to list. $.30 for Types 6 and 15L. Add to list: $.50 for Type 30B.
"H" Type—These units have been developed for use where excellent retrace and low temperature coefficient are required. Over a range of −40° C. to +70° C. the capacity temperature coefficient is approximately +.003% per degree C. A limited range of capacity and voltage ratings is available. Made only in low-loss Bakelite and sealed for immersion test. To order, add "H" to Cat. No. (example: 6H, 15H, 30BH). Add to list: $4.00 for Type 6. Add to list: $2.00 for Type 15L. Add to list: $5.00 for Type 30B.
TYPE 6K—This unit is a still further refinement being a compensated unit which can be made with a positive, zero or negative coefficient within the limits of +.003% to −.005% per degree C. over a temperature range of from −40° C. to +70° C. Type 6K is available in a limited range of low capacities and voltage ratings. "K" Type includes low-loss Bakelite and immersion seal. When ordering Type 6K, temperature coefficient must be specified. (Type 6 only) Add to list Price: for plus or minus 5%—$12.00; for plus or minus 3%—$13.00; for plus or minus 2%—$14.00; for plus or minus 1%—$18.00.

TYPE 6 BAKELITE CASED MICA UNITS

Cat. No.	Cap. Mfd.	Test. Volt. Effective	Max. Oper. Cur. in Amps. 3000 kc.	1000 kc.	300 kc.	100 kc.	List Price	Net Price
390-6	.00005	5,000	1.5	.8	.2	.07	$14.40	**$8.64**
362-6	.0000625	5,000	1.8	.8	.2	.07	14.40	**8.64**
321-6	.0001	5,000	2	1	.3	.1	14.40	**8.64**
395-6	.00015	5,000	3	1.5	.5	.16	14.40	**8.64**
307-6	.0002	5,000	3.5	1.7	.7	.18	14.40	**8.64**
364-6	.00025	5,000	5	2.5	1	.3	14.40	**8.64**
294A-6	.0003	5,000	3.5	2	.8	.4	14.40	**8.64**
283-6	.0004	5,000	4	2.5	1	.5	14.40	**8.64**
272-6	.0005	5,000	4	2	1.4	.8	14.40	**8.64**
266-6	.0006	5,000	5	3	1.6	.8	14.40	**8.64**
654-6	.00075	5,000	5	3.5	2	1	14.40	**8.64**
599-6	.0008	5,000	6	4	2	1	14.40	**8.64**
246-6	.001	5,000	7	4	2	1	14.40	**8.64**
234-6	.0015	5,000	9	5	3	1.5	14.40	**8.64**
215-6	.002	3,000	6	3	1.5	.8	14.40	**8.64**
217-6	.002	6,000	9	6	4	2	14.40	**8.64**
473-6	.0025	5,000	9	6	4	2	14.40	**8.64**
197-6	.003	3,000	8	6	4	2	14.40	**8.64**
184-6	.004	3,000	8	6	5	2	14.40	**8.64**
173-6	.005	2,000	8	5	3	1.5	14.40	**8.64**
474-6	.005	3,000	9	6.5	4	2	14.40	**8.64**
565-6	.0075	2,000	10	8	5	3	14.40	**8.64**
476-6	.008	2,000	11	9	7	3	14.40	**8.64**
162-6	.008	3,000	10	8	5	3	14.40	**8.64**
151-6	.01	2,000	10	8	5	3.5	14.40	**8.64**
140-6	.015	1,500	12	10	7	4	13.00	**7.80**
784-6	.015	2,000	12	12	8	4	14.40	**8.64**
131-6	.02	2,000	12	11	10	7	16.00	**9.60**
479-6	.03	2,000	14	20	15	7	16.00	**9.60**
480-6	.04	1,500	12	13	11	6	14.40	**8.64**
118-6	.05	1,500	13	15	12	7	14.50	**8.70**
111-6	.1	500	17	20	15	8	16.50	**9.90**
406-6	.1	1,000	18	20	15	8	14.40	**8.64**
110-6	.1—.1	250	20	20	15	10	14.40	**8.64**
105-6	.2	250	18	20	16	12	22.00	**13.20**
885-6	.25	250	18	20	16	12	24.00	**14.40**

(Types 15L and 30B listed on next Page)

CORNELL DUBILIER

BAKELITE CASED MICA TRANSMITTING CAPACITORS

(Continued from preceding page)

TYPE 15L BAKELITE CASED MICA UNITS

Cat. No.	Cap. Mfd.	Test. Volt. Effective	Max. Oper. Cur. in Amps. 3000 kc.	1000 kc.	300 kc.	100 kc.	List Price	Net Price
639-15L	.00005	3,000	1.2	.6	.15	.05	$10.80	**$6.48**
583-15L	.0001	3,000	2.2	.8	.3	.1	10.80	**6.48**
657-15L	.00015	3,000	2.3	1	.45	.15	10.80	**6.48**
582-15L	.0002	3,000	3	1.2	.6	.2	10.80	**6.48**
805-15L	.00025	3,000	3	2.5	1	.4	10.80	**6.48**
640-15L	.0003	3,000	3.5	2	.8	.4	10.80	**6.48**
641-15L	.0004	3,000	4	2	.9	.45	10.80	**6.48**
642-15L	.0005	3,000	4	2	1	.55	10.80	**6.48**
643-15L	.0006	3,000	4.5	2	1.2	.6	10.80	**6.48**
727-15L	.0008	3,000	4.5	2.5	1.5	.7	10.80	**6.48**
581-15L	.001	3,000	5	3	1.6	.8	10.80	**6.48**
679-15L	.0015	3,000	6	3.5	2	1	10.80	**6.48**
726-15L	.002	3,000	6.5	4	2.5	1.5	10.80	**6.48**
645-15L	.003	2,000	7.5	5	3	1.5	10.80	**6.48**
699-15L	.004	2,000	8	6	3.5	1.6	10.80	**6.48**
725-15L	.005	2,000	8.5	6.5	4	2	10.80	**6.48**
580-15L	.006	2,000	9	7.5	4.5	2.2	10.80	**6.48**
724-15L	.008	1,500	10	8	5	2.3	10.80	**6.48**
677-15L	.01	1,000	10	8	5	2.5	10.80	**6.48**
723-15L	.02	1,000	11	10	7	3	11.50	**6.90**
722-15L	.05	500	11	10	8	5	10.80	**6.48**
721-15L	.1	250	11	12	10	6	12.00	**7.20**

TYPE 30B BAKELITE CASED MICA UNITS

Cat. No.	Cap. Mfd.	Test. Volt. Effective	Max. Oper. Cur. in Amps. 3000 kc.	1000 kc.	300 kc.	100 kc.	List Price	Net Price
533-30B	.0001	4,000	(20 Amps. at 60 mc.)		(3 Amps. at 4 mc.)		$30.00	**$18.00**
958-30B	.00025	8,000	7	4.5	1.5	.5	30.00	**18.00**
959-30B	.0005	8,000	8.5	6	3	1	30.00	**18.00**
960-30B	.001	8,000	10	8.5	4.5	1.5	34.00	**20.40**
961-30B	.002	8,000	11	11	7.5	2.5	34.00	**20.40**
759-30B	.003	8,000	12	14	10	5	36.00	**21.60**
757-30B	.004	8,000	12	14	10	6	38.00	**22.80**
758-30B	.005	8,000	13	15	11	6	42.00	**25.20**
756-30B	.006	6,000	15	15	11	6	42.00	**25.20**
962-30B	.01	5,000	16	20	15	8	45.00	**27.00**
915-30B	.01	8,000	16	20	15	8	48.00	**28.80**
963-30B	.02	5,000	18	20	17	10	48.00	**28.80**
741-30B	.03	4,000	20	20	18	12	48.00	**28.80**
771-30B	.05	2,000	18	25	22	12	54.00	**32.40**
964-30B	.05	4,000	18	25	22	12	54.00	**32.40**
113-30B	.1	2,000	18	25	22	12	42.00	**25.20**
603-30B	.2	600	18	25	22	12	34.00	**20.40**
750-30B	.25	600	18	25	22	12	38.00	**22.80**
933-30B	.3	600	18	25	22	12	38.00	**22.80**
604-30B	.5	600	18	25	22	12	46.00	**27.60**
898-30B	1.0	600	18	25	22	12	72.00	**43.20**

TYPE 110R10

CORNELL-DUBILIER POWERCON VIBRATOR CONVERTERS

Think of the new sales opportunities open to you now that you have the dependable name of C-D in back of a complete line of converters. More TV installations! More work on farm power supplies! Marine work! And always you work with confidence in the quality, dependability and trouble-free performance of these converters, because they're typical C-D products.

TYPE 110RT25

110 Volts AC From A Battery Source

Model & Accessories	Input Voltage	Output Ratings	Dimensions L. x W. x D. (Inches)	Weight Lbs.	C-D Type Vibrator	List Price	Net Price
6R5 +	6V DC	110V AC 60-cycle 50-watt 80–100 P.F.	6¾ x 7¾ x 5⅞	12	3103 H-D Single	$41.95	**$25.17**
6R10 **	6V DC	110V AC 60-cycle 100-watt 80–100 P.F.	7 x 12⅝ x 7½	19	4123 H-D Tandem	59.50	**35.70**
12R8 +	12V DC	110V AC 60-cycle 80-watt 80–100 P.F.	6¾ x 7¾ x 5⅞	12	3087 H-D Single	41.95	**25.17**
12RU15 **	12V DC	110V AC 60-cycle 150-watt 60–100 P.F.	7 x 12⅝ x 7½	22	3047 H-D Tandem	78.95	**47.37**
32R8 +	32V DC	110V AC 60-cycle 80-watt 80–100 P.F.	6¼ x 7⅝ x 5⅞	13¼	2989 H-D Single	48.50	**29.10**
32RU15 ** †	32V DC	110V AC 60-cycle 150-watt 60–100 P.F.	6⅜ x 12⅜ x 7½	22¼	2989 H-D Single	73.50	**44.10**

110 Volts AC From A 110-Volt DC Line

110PA5	110V DC	110V AC 60-cycle 50 VA 50–100 P.F.	3¾ x 6¼ x 2¾	2	2522 Auto-type	14.95	**8.97**
110PB5	110V DC	110V AC 60-cycle 50 VA 50–100 P.F.	3¾ x 6¼ x 2¾	2	2522 Auto-type	16.95	**10.17**
110R10	110V DC	110V AC 60-cycle 100-watt 80–100 P.F.	6⅜ x 7¾ x 5¼	10½	1315 H-D Single	39.95	**23.97**
110R15 †	110V DC	110V AC 60-cycle 150-watt 80–100 P.F.	6¼ x 12¼ x 7½	15	1315 H-D Single	66.95	**40.17**
110RA15	110V DC	110V AC 60-cycle 150-watt 80–100 P.F.	6¾ x 7¾ x 5⅞	13½	1315 H-D Single	48.75	**29.25**
110RT25 X *	110V DC	110V AC 60-cycle 250-watt 80–100 P.F.	6½ x 12⅜ x 8½	22½	3077V H-D Single	69.95	**41.97**
110RT35 †	110V DC	110V AC 60-cycle 350-watt 80–100 P.F.	7½ x 14 x 8⅝	40½	3079 H-D Tandem	119.50	**71.70**

Battery Eliminators Using 110-Volt AC Power

110BA6	110V AC	6V DC 10 Amp. 60-W	7⅝ x 12¼ x 8½	16	None	54.95	**32.97**
110BA12	110V AC	12V DC 10 Amp. 120-W 6V DC 20 Amp. 120-W	7⅝ x 13 x 8½	24½	None	85.50	**51.30**

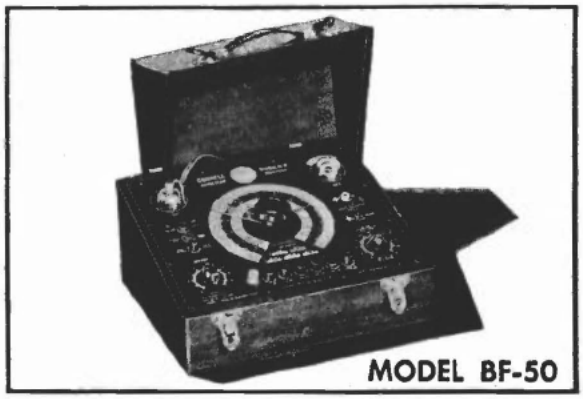
Accessories For Converters

*** 3155**	Separate Auto-switching Unit	Install within Model 110RT25	14.50	**8.70**
+ 3164	Mobile Mounting Brackets	Use with 6R5, 12R8, 32R8	1.95	**1.17**
**** 3165**	Mobile Mounting Brackets	Use with 6R10, 12RU15, 32RU15	1.95	**1.17**

† Denotes automatic switching unit built into converter.
X Denotes converter supplied with adjustable frequency vibrator for television.
NOTE: On Model 110RT25, Type 1315 Standard Vibrator may be used in place of 3077-V Adjustable Vibrator where exact 60 cycle is not required.

CORNELL DUBILIER

CAPACITOR TEST INSTRUMENTS



CAPACITOR ANALYZER

The Model BF-50 Capacitor Analyzer quickly and accurately measures all important characteristics of all types of capacitors. It offers the most accurate and thorough capacitor test of any instrument of its type, and may be operated on any 110-volt, 50-60 cycle power line.

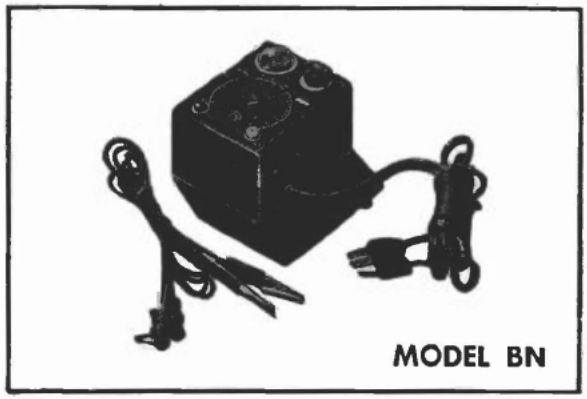
The analyzer will determine the true condition of all paper, mica and electrolytic capacitors, including A.C. motor starting types.

Features of Model BF-50 Analyzer

1. Measures Capacity—Accurately measures capacity of paper, mica, air, electrolytic and motor-starting capacitors from .00001 to 240 mfd.
2. Measures Power Factor—Measurements of power factor from zero to 50 percent on all types of electrolytic capacitors including motor-starting types.
3. Employs Wien Bridge—Assures permanent accuracy of capacity and power factor measurements. Readings not affected by line voltage variations.
4. Indicates Insulation Resistance—Insulation resistance measurements of paper and mica capacitors up to 1500 megohms. Also measures many types of insulation.
5. Indicates Leakage—Measurements of leakage of electrolytic capacitors by means of built-in direct current power supply.
6. Visual Eye Leakage Indicator—Provides simplified and reliable leakage tests on all types of capacitors. Enables measurements to be made rapidly.
7. Detects Defective Capacitors—Character measurements, such as leaky, shorted, open, high and low capacity, and high power factor on all capacitors.
8. High Sensitivity on All Measurements—Amplifier for capacity, power factor and leakage tests provides sharp and accurate readings. Amplifier built-in Analyzer.
9. Balance Sensitivity Control—Provides sharp or broad balances for quick and accurate readings. All readings are made simply and directly.
10. Direct Reading Linear Scale Calibration—Provides simplified measurements. All scales on panel uniformly spaced, easy to read, thus avoiding possible errors in using multipliers or charts.
11. Push-Button Switching—For convenient and simplified adjustments, all tests and circuit changes are made by means of modern push-button switches.
12. Visual Eye Bridge Balance—Visual detector gives positive indication of bridge balance for convenient, simplified and accurate capacity and power factor measurements.
13. Six Color-Coded Scales—Accurately calibrated, six color-coded scales. Uniformly spaced over total spacing of sixty inches. Easy to read. No "blind" spots.
14. General Purpose Instrument—May be used to check continuity capacity between circuits, insulation of transformer windings and other types of coils, etc.
15. Self-Contained—Portable—An instrument complete in itself, requiring no external standard, headphones, meters or accessories. A portable unit, for 110 volt, 50-60 cycle operation, supplied in walnut cabinet, removable cover, with carrying handle. Size, 6½ x 12 x 9¾ inches. Weight, 9 pounds.

MODEL BF-50 CAPACITOR ANALYZER **$42.65**
Net Price complete with tubes.....

Replacement Tubes for Use in Model BF-50:
6E5—List Price $1.80—Net Price $1 08
12A7—List Price $2.65—Net Price $1.59



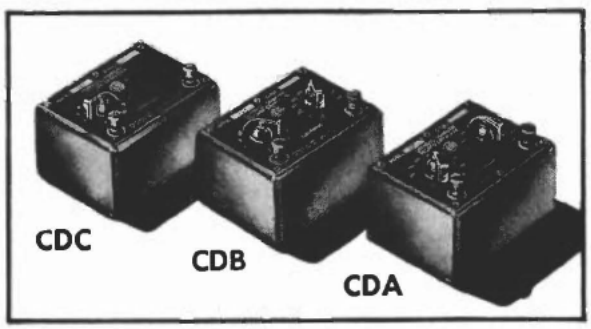
CAPACITOR BRIDGE

Features of Model BN Capacitor Bridge

1. Measures Capacity—Accurately measures capacity of paper mica electrolytic and air capacitors from .00001 mfd. to 50 mfds.
2. Indicates Power Factor—Power factor of electrolytic capacitor indicated by means of visual eye detector tube.
3. Detects Defective Capacitors—Detects open and short circuits, high and low capacity, and high power factor.
4. Checks Circuit Continuity—May be used as continuity meter. A handy instrument for checking circuits, coils, transformers and many other uses. For operation on 110 volts, 60 cycles.
5. Employs Wien Bridge—Employs Wien Bridge circuit for all measurements. Accuracy independent of line voltage variations.
6. Visual Eye Bridge Balance—Dual type visual bridge balance for accurate measurements facilitates quick tests on service jobs.
7. Direct Reading Scale—Direct reading ranges with all scale markings directly in microfarads. Clear reading dial scale. All capacity calibrations marked on panel. No charts or multipliers required.
8. Self-Contained—The Capacitor Bridge is complete in itself and requires no headphones, standards, external meters, etc.
9. Extremely Compact—The unusually small size of this bridge makes it particularly handy for portable use—3⅝" x 5" x 3" weight 2 pounds.
10. Attractive—Supplied in attractive walnut Bakelite case complete with detachable test leads and useful instruction booklet.

MODEL BN CAPACITOR BRIDGE **$20.35**
Net Price complete with tubes.....

Replacement tubes for use in Model BN Bridge:
6AF6G—List Price $2.20—Net Price $1.32
12A7—List Price $2.65—Net Price $1.59



CAPACITOR DECADES

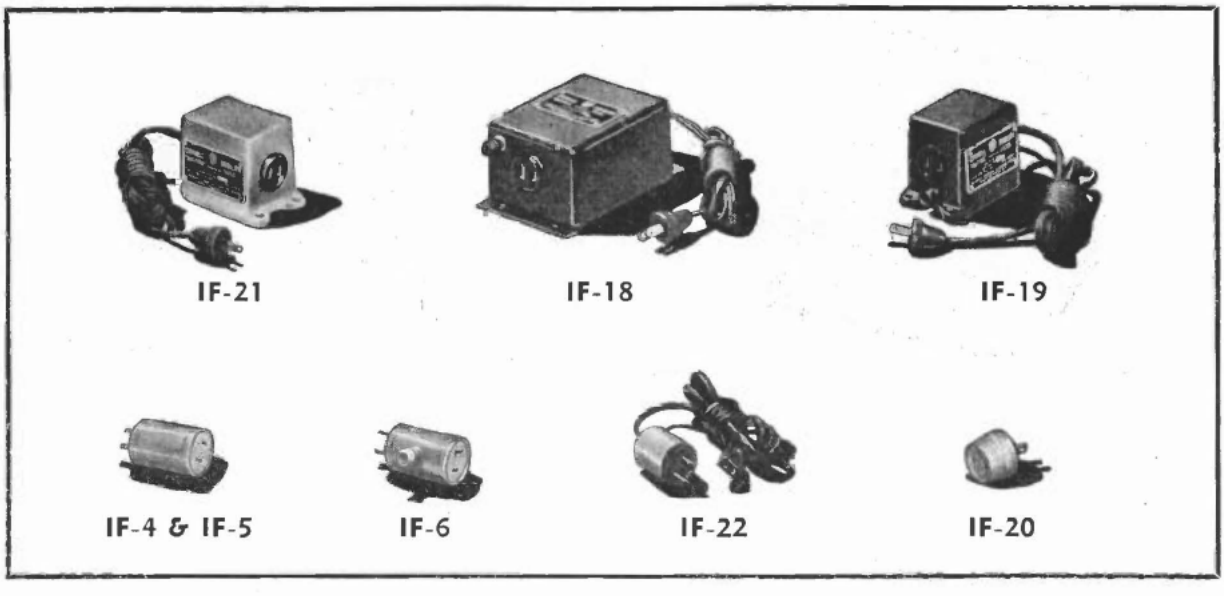
C-D Capacitor Decades provide accurate standards over a wide range of capacity. May be used in groups of the three decades, shown above, or used individually for maximum flexibility. Each decade is furnished with calibration chart giving exact capacity values for all scale markings, extending use to more precise measurements.

Rated Voltage—600 D.C.—220 A.C.

Model	Capacity	+ or — Tol.	Dielectric	Net Price
CDA-5	.011 mfd. in .0001 mfd. steps	5%	Mica	**$8.50**
CDB-5	1.1 mfd. in .01 mfd. steps	5%	Oil-Paper	**8.50**
CDB-3	1.1 mfd. in .01 mfd. steps	3%	Oil-Paper	**12.00**
CDC-5	10.0 mfd. in 1.0 mfd. steps	5%	Oil-Paper	**17.50**
CDC-3	10.0 mfd. in 1.0 mfd. steps	3%	Oil-Paper	**19.50**

CORNELL DUBILIER

QUIETONE INTERFERENCE FILTERS



RADIO AND APPLIANCE QUIETONES

Most satisfactory results are obtained when Quietones are installed at the source of the interference. A Quietone installed in connection with an offending appliance corrects the noise caused by that appliance.

Where source of interference cannot be located a Quietone connected in the electric supply line of the radio receiver will alleviate, if not fully correct, the condition. When a Quietone is installed, interference will be greatly reduced. Remaining interference usually enters receiver through the antenna system.

Quietones for Use at the Radio Receiver

TYPE IF-4—For use on small radio receivers, such as A.C.-D.C. midget sets, etc., where noise level is not too severe. Connects in power line between the radio receiver plug and wall receptacle. Rating: 110 V.A.C.-D.C. 5 amps. Colors—Furnished in ivory, walnut, or green finish.
List Price $1.10 Net Price **$0.66**

TYPE IF-18—For use in connection with all radio receivers where noise level is severe. Furnished in Bakelite case (see colors). Employs highly effective all-wave capacitive-inductive type filter. Ratings: 110 V.A.C.-D.C. 5 amps. Colors—Furnished in ivory or walnut Bakelite.
List Price $8.35 Net Price **$5.01**

Quietones for Use at Appliances

TYPE IF-5—For small electrical appliances such as food mixers, hair dryers, etc., where radio interference is of low intensity. Plug type filter. Convenient to install. Rating 110 V.A.C.-D.C. 5 amps. Colors—Furnished in ivory, walnut or green finish. List Price $1.10 Net Price **$0.66**

TYPE IF-6—For all types of home electrical appliances where interference is of moderately low intensity. Installed between appliance and power supply line with short return lead which reduces radiation. Rating: 110 V.A.C.-D.C. 5 amps. Colors—Furnished in ivory, walnut or green finish.
List Price $1.75 Net Price **$1.05**

TYPE IF-18—An efficient all-wave capacitive-inductive sectional band type filter for use in connection with all types of electrical appliances where interference conditions are severe. Provided with frame connection for reduction of radiation. Furnished in Bakelite case (see colors). Rating: 110 V.A.C.-D.C. 5 amps. Colors—Bakelite case, walnut finished. List Price $8.35 Net Price **$5.01**

TYPE IF-19—Capacitive-inductive type filter for use where interference is severe. Frame connection provided. Furnished in Bakelite case. Rating: 110 V.A.C.-D.C. 5 amps. Colors—Bakelite case. Ivory or walnut finish.
List Price $7.00 Net Price **$4.20**

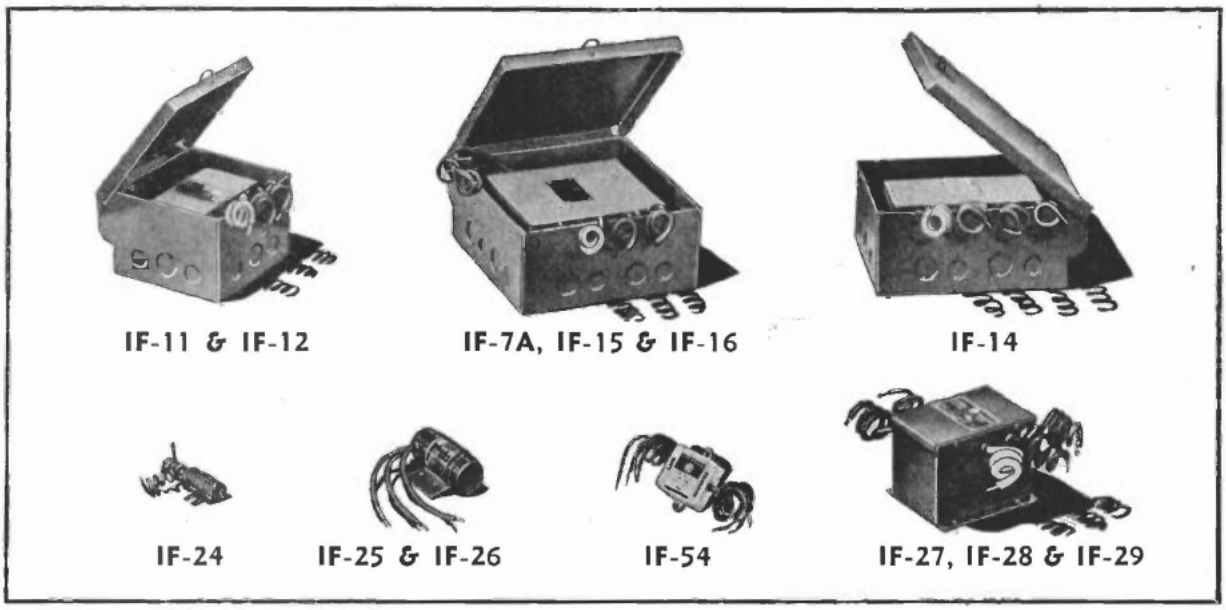
TYPE IF-20—For use on small electrical appliances where interference is very low. Simply connected to cord plug of appliance and plugged into wall receptacle. Rating: 110 V.A.C.-D.C. 5 amps. Colors—Bakelite case. Ivory or walnut finish. List Price $0.75 Net Price **$0.45**

TYPE IF-21—All-wave capacitive-inductive type filter for use on appliances where return lead to the frame of appliance cannot be made, such as shaver, barber clippers, etc. Furnished in Bakelite case. Rating: 110 V.A.C.-D.C. 1.6 amps. Colors—Bakelite case. Ivory or walnut finish.
List Price $4.00 Net Price **$2.40**

TYPE IF-22—For use in connection with electric shavers of all standard types. Line cord and plug provided with Schick and Packard type adapters which fit practically all type shavers. (Specify type desired when ordering.) Type IF-22A for Schick, Knapp Monarch, and similar type shavers. Type IF-22B for Packard, Zephyr, Remington-Rand and Ronson type shavers. Rating: 110 V.A.C. 5 amps. Colors—Bakelite case. Ivory or black finish.
List Price $2.75 Net Price **$1.65**

CORNELL DUBILIER

QUIETONE INTERFERENCE FILTERS



INDUSTRIAL QUIETONES

Although atmospheric disturbances in many instances cause radio noises, this condition is not the principal source of annoying noises. With the average radio receiver, noise is generally caused by the operation of electrical appliances or apparatus which create high frequency oscillations known as "man-made static". Many types of equipment cause minute sparks as a result of a change in electrical conditions within the device, which are essential to its operation. In effect these appliances act as miniature radio transmitters, setting up a disturbance which may affect radio receivers at a considerable distance.

It is highly desirable to correct noise conditions at the source as one filter properly installed at this point may eliminate the noise in a number of radio receivers. Where it is impossible to locate the equipment which is causing the interference a Quietone installed at the receiver will correct the noise in that receiver.

The Quietones listed below will correct radio noise conditions caused by motors, generators, elevators, stokers and many other types of industrial electrical apparatus. They are designed for convenient mounting, and contain highest quality capacitors, with lowest possible impedance internal connections. There are no current limitations for (CP) Capacitive Quietones.

Fluorescent Light Quietones

Among the Quietone Interference Filters especially suited to correct noise conditions caused at fluorescent lights, as well as other electrical appliances, are types IF-6, IF-24 and IF-54, the former being a very convenient plug-in arrangement that fits the receptacles of floor and table lamps.

Type IF-24 Quietone is a dual capacitive type filter for use on fluorescent light and other electrical equipment where noise conditions are not too severe. It is contained in a round metal casing 7/8" diameter by 2" long and provided with insulated wire leads 8" long.

Oil Burner Ignition Quietones

For heavy duty filtering service on oil burners and other equipment such as stokers, motors, refrigerators, etc., Quietone type IF-7A is recommended for efficient results. This unit is mounted close to the equipment causing the interference with wiring in BX or conduit.

Type IF-54 Quietone is a capacitive-inductive filter which provides extremely high attennation over a wide range of frequencies. This unit is housed in a drawn metal container 2" x 2" x 1 1/8" high, and provided with insulated wire leads 6" long. It is rated at 2 amps. 110-220 V.A.C. or D.C.

Fluorescent Light Quietones

Type	Volts A.C.—D.C.	Connections	Housing	List Price	Net Price
IF-6	110	Plug-in	Metal	$1.75	**$1.05**
IF-24	110	Flex-Leads	Metal	1.10	**.66**
IF-54	110–220	Flex-Leads	Metal	2.25	**1.35**

Capacitive (CP) Quietones

Type	Volts A.C.—D.C.	Connections	Housing	List Price	Net Price
IF-25	110–220	Flex-Leads	Metal	$4.50	**$2.70**
IF-26	110–220	Flex-Leads	Metal	6.00	**3.60**
IF-11	110	BX	Cutout Box	12.00	**7.20**
IF-12	220	BX	Cutout Box	16.50	**9.90**
IF-14**	110–220	BX	Cutout Box	22.50	**13.50**

** All Quietones listed above with exception of IF-14 are for single phase circuits. IF-14 is for 2 or 3 phase circuits. The Quietones listed below are for the more severe radio noise conditions caused by motors, generators, elevators, diathermy, oil burners, etc. They are designed for convenient mounting and quick connection to these machines. They consist of low-loss coils and highest quality capacitors which correct noise conditions in both broadcast and short wave receivers. They are the most efficient filters available for heavy duty application. All capacitive-inductive (CI) Quietones are for single phase circuits.

Capacitive-Inductive (CI) Quietones

Type	Volts A.C.—D.C.	Max. Amps.	Connections	Housing	List Price	Net Price
IF-7A*	110–220	5	BX	Cutout Box	$12.50	**$7.50**
IF-15	110–220	10	BX	Cutout Box	25.00	**15.00**
IF-16	110–220	20	BX	Cutout Box	35.00	**21.00**
IF-27	110	5	Flex-Leads	Steel Box	7.00	**4.20**
IF-28	110	10	Flex-Leads	Steel Box	12.50	**7.50**
IF-29	110	20	Flex-Leads	Steel Box	22.00	**13.20**

* For use on oil burners.

CORNELL DUBILIER

A. C. MOTOR STARTING CAPACITORS

TYPE JDS

TYPE ETB

TYPE ETBCB

A.C. MOTOR STARTING REPLACEMENT CAPACITORS

Types ETB and JDS Electrolytic Motor-Starting Capacitors are universal replacement units for use in standard makes of oil-burners, refrigerators and other motor driven equipment. The list of units below simplifies the selection of the capacitor required when the capacity, voltage rating, and size are known.

In many cases where a round can-type unit is to be replaced a smaller size capacitor of the same capacity and voltage rating may be selected as a replacement. The smaller size unit may be wrapped tightly with ordinary corrugated paper and fitted into the capacitor housing on the motor. While only the most widely used range of capacities are listed below, Type ETB 110 V.A.C. capacitors can be supplied in intermediate capacities from 10 mfds. to 480 mfds.

Write for complete A.C. Motor Starting Replacement Capacitors, Catalog No. 163.

TYPE JDS—110 VOLTS A.C. 50-60 CYCLES

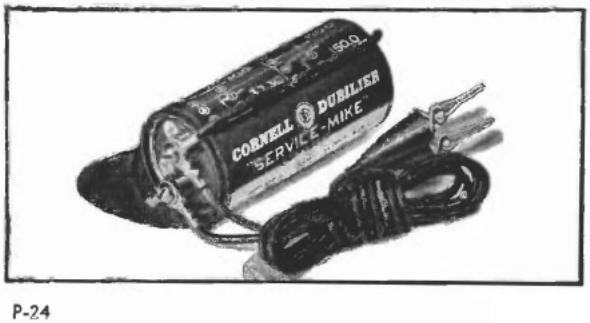
Cat. No.	Cap. Mfd.	Dimensions—Ins. L. x W. x T.	List Price	Net Price
JDS70	70	3½ x 3½ x 2	$3.20	**$1.92**
JDS80	80	3½ x 3½ x 2	3.20	**1.92**
JDS90	90	3½ x 3½ x 2	3.20	**1.92**
JDS100	100	3½ x 3½ x 2	3.34	**2.00**
JDS115	115	3½ x 3½ x 2	3.79	**2.27**
JDS130	130	3½ x 3½ x 2	3.79	**2.27**

Type ETB and JDS units are furnished with tightly fitted insulating tube or paper box casings with screw terminals. Type ETB units are available with black lacquered steel end caps, designated as Type ETBC, or with both end caps and black lacquered steel mounting bracket designated as Type ETBCB (see illustration above). Units must be designated accordingly upon ordering. (See note below.)

TYPE ETB—110 VOLTS A.C. 50-60 CYCLES

Cat. No.	Cap. Mfd. Min.-Max.	Dimensions—Ins. Dia. x Lgth.	List Price	Net Price
ETB-20	20-24	1⅜ x 2⅜	$1.70	**$1.02**
ETB-35	32-36	1⅜ x 2⅜	1.82	**1.09**
ETB-40	38-46	1⅜ x 2⅜	1.82	**1.09**
ETB-45	43-48	1⅜ x 2⅜	1.82	**1.09**
ETB-55	53-60	1⅜ x 2⅜	1.89	**1.13**
ETB-70	64-72	1⅜ x 2⅝	1.89	**1.13**
ETB-80	75-84	1⅜ x 3⅛	2.02	**1.21**
ETB-90	86-96	1⅜ x 3⅛	2.08	**1.25**
ETB-100	97-107	1⅜ x 3⅛	2.14	**1.28**
ETB-110	107-129	1⅜ x 3⅛	2.14	**1.28**
ETB-115	108-120	1⅜ x 3⅛	2.14	**1.28**
ETB-130	124-138	1⅜ x 3⅛	2.27	**1.36**
ETB-145	130-157	1⅜ x 4⅛	2.52	**1.51**
ETB-155	145-162	1⅜ x 4⅛	2.78	**1.67**
ETB-175	161-180	1¾ x 4⅛	3.03	**1.82**
ETB-200	189-210	1½ x 4⅛	3.59	**2.15**
ETB-215	190-240	1⅜ x 3⅛	4.11	**2.47**
ETB-225	216-240	1¾ x 4⅛	4.11	**2.47**
ETB-340	324-360	2 x 4⅛	6.06	**3.64**
ETB-400	378-420	2 x 4⅛	6.83	**4.10**
ETB-450	432-480	2½ x 4⅛	7.59	**4.55**

NOTE—For units with metal end caps, Type ETBC, add 60c to list price. For units with metal end caps and mounting bracket, Type ETBCB, add $1.00 to list price.



SENIOR AND JUNIOR "SERVICE MIKES"

These capacitors are designed for emergency replacements of A. C. motor starting electrolytic capacitors from 18.75 to 300 mfds. They enable the motor repair man to determine correct capacity required for a given motor and eliminate necessity of carrying stock of assorted sizes.

Each capacitor provides a range of twelve separate capacities by means of changing external connections at four terminals, two at each end. Both units are for 110-120 V.A.C. 60 cycle duty.

JUNIOR "SERVICE MIKE", 18.75 to 150 mfds., size 1 13/16" dia. x 3⅞" long. Complete with leads, clips and jumpers. Net Price **$4.65**

SENIOR "SERVICE MIKE", 37.5 to 300 mfds., size 2⅛" dia. x 4½" long. Complete with leads, clips and jumpers. Net Price **$5.50**

MALLORY CAPACITORS · LIST PRICES

★ Complete descriptions of these parts will be found on the following pages.

Mallory Page 3

Metal Tubular Dry Electrolytic Capacitors Single Section

Mallory Cat. No.	List Price
TC22	$0.75
TC26	.85
TC29	1.00
TC30	.75
TC32	.80
TC36	.90
TC39	1.05
TC40	.75
TC41	.80
TC42	.85
TC43	.85
TC44	.90
TC45	.95
TC47	1.00
TC48	1.10
TC49	1.20
TC50X	.80
TC51	.80
TC52	.95
TC53	1.00
TC54	1.10
TC55	1.20
TC58	1.40
TC60	.85
TC61	.90
TC62	1.00
TC63	1.05
TC64	1.20
TC65	1.30
TC70	.90
TC71	.95
TC72	1.05
TC73	1.15
TC74	1.30
TC75	1.50
TC77	1.65
TC78	2.00
TC82	2.70
TC92	2.95
TC308	3.00
TC310	1.80
TC420	3.50
TC605	1.70
TC610	2.25
TC1505	2.10
TC2501	1.20
TC2505	2.25

Metal Tubular Dry Electrolytic Capacitors · Dual Section

Mallory Cat. No.	List Price
TCD26	$1.10
TCD45	1.30
TCD47	1.50
TCD48	1.70
TCD485	1.50
TCD49	1.85
TCD497	1.70
TCD52	1.50
TCD55	1.80
TCD62	1.60
TCD65	2.10
TCD71	1.70
TCD72	1.85
TCD74	2.20
TCD75	2.40
TCS44	1.95
TCS45	2.00
TCS47	2.30
TCS48	2.50
TCS52	2.20
TCS55	2.70
TCS61	2.10
TCS64	2.70
TCS71	2.20
TCS74	3.00
TCS75	3.30

Mallory Page 4

FP Dry Electrolytic Capacitors

Mallory Cat. No.	List Price
WP032	$4.50
WP039	3.25
WP041	4.70
WP055	1.45
WP057	2.45
WP059	3.55
WP065	3.55
FP113	1.25
FP115	1.45
FP116	1.95
FP117	2.85
FP125	1.40
FP135	1.70
FP137	2.05
FP138	3.15
FP140	3.55
FP142	1.30
FP143	1.55
FP144	1.75
FP145	1.95
FP146	2.25
FP149	3.90
WP200	4.90
WP204	4.25
FP208	1.55
FP210	1.75
FP211	1.75
FP212	1.95
FP213	1.95
FP214	2.10
FP215	3.55
FP216	2.25
FP217	2.05
FP218	4.20
FP225	2.10
FP227	2.35
FP228	2.65
FP231	2.10
FP234	2.65
FP235	4.10
FP236	3.15
FP237	3.25
FP238	4.00
FP239	4.05
FP240	4.50
FP244	3.95
FP245	4.25
WP302	2.70
FP303	3.40
FP304	3.00
FP306	2.30
FP307	3.00
FP309	3.00
FP310	2.40
FP311	2.55
FP312	2.70
FP313	2.45
FP316	2.45
FP318	4.70
FP326	4.30
FP328	2.30
FP330	2.80
FP331	2.85
FP332	2.35
FP339	2.95
FP341	4.10
FP342	4.00
FP343	4.00
FP344	3.75
FP345	4.35
FP346	4.15
FP354	2.20
FP355	2.40
FP357	2.60
FP360	2.25
FP363	3.00
FP367	2.40
FP369	2.45
FP371	2.85
FP380	3.00
FP389	2.50
FP390	2.85
FP393	4.30
FP395	4.30
FP407	3.25
FP409	3.10

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Mallory Cat. No.	List Price
FP410	$3.40
FP413	4.50
FP414	4.55
FP416	3.95
FP421	4.60
FP424	3.40
FP426	3.40
FP428	4.50
FP429	4.20
FP431	4.15
FP432	4.45
FP433	4.50
FP434	3.25
FP444	4.50
WP505	2.10
WP510	2.90
WP520	2.10
WP540	4.50
FP550	4.10

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Threaded Neck Dry Electrolytic Capacitors

Mallory Cat. No.	List Price
RS207	$2.25
RS212	1.75
RS213	1.75
RS214	2.15
RS215	2.15
RS216	2.40
RS217	2.40
RS219	2.65
RS223	3.00
RS224	3.40
HD684	2.10
HS693	4.00
RM262	2.75
RM265	4.25
SR638	2.75
SR645	2.75

Cardboard Tubular Dry Electrolytic Capacitors

Mallory Cat. No.	List Price
ST595	$1.15
ST597	1.55
ST598	1.70
ST599	1.85
TN111	1.05
2N509	1.30
2N513	1.50
2N514	1.50
2N511	1.70
2N520	1.70
2N521	2.05
2N516	1.45
2N518	1.90
2S556	2.50
2S567	2.30
2S569	3.20
3N527	1.90
3N533	1.95
TN125	1.85
TN129	2.30
3S579	2.65
3S584	2.75
4S715	3.15

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High Capacity Dry Electrolytic Capacitors and Non-Polarized Dry Electrolytic Capacitors

Mallory Cat. No.	List Price
HC1020	$4.90
HC1040	7.25
HC1060	9.25
HC1060A	7.50
HC1520	5.80
HC1540	8.10
HC1560	10.00
HC2510	4.85
HC2520	7.20
HC2540	9.85
HC5005	4.80
HC5010	7.00
HC5020	9.10
HC15010	10.50
HC20005	9.25
NP0340	8.50
NP0555	6.00
NP1225	5.00
NP1235	6.00
NP1245	7.00
NP1255	8.00
NP2514	6.50
NP2520	8.00
NP2525	10.00
NP3003	3.00
NP3006	3.75
NP3008	4.50
NP3014	7.00
NP3020	9.00
NP3025	11.25
NP4503	5.50
NP4505	7.50
NP4510	10.50

Bath Tub Dry Electrolytic Capacitors

Mallory Cat. No.	List Price
BS26	$2.70
BS29	2.80
BS36	2.75
BS39	3.00
BS45	2.95
BS48	3.20
BS62	3.10
BS65	3.45
BS81	4.85
BS91	5.50

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AC Motor Starting Capacitors · Dry Electrolytic

Mallory Cat. No.	List Price
MSG220	$3.05
MSG221	3.05
MSG222	3.20
MSG223	3.20
MSF224	3.20
MSG225	3.35
MSG226	3.35
MSF227	3.35
MSG228	3.80
MSF229	3.80
MSG230	4.30
MSG231	4.55
MSF232	4.55
MSF233	5.20
MSG234	6.85
MSG250	4.55
MSG251	5.30
MSF252	5.30
MSG253	6.85

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AC Motor Starting Capacitors · Dry Electrolytic

Mallory Cat. No.	List Price
MSU120	$1.70
MSU121	1.70
MSU122	1.85
MSU123	1.85
MSU124	1.85
P5310	1.90
P6410	1.90
P7010	2.00
P7510	2.00
P8610	2.10
P9710	2.15
P10810	2.15
P12410	2.25
P13010	2.40
P14510	2.80
P16110	3.05
MSU136	3.65
P19410	3.65
MSU138	4.00
P21610	4.10
P24310	4.55
P27010	5.30
P32410	6.05
P34010	6.40
P37810	6.85
P40010	7.25
P43010	7.90
P2520	3.35
P3220	3.80
P3820	4.30
P4320	4.55
P5320	5.20
P6420	5.95
P7020	6.25
P7520	6.60
P8620	7.35

Capacitor Selector

Mallory Cat. No.	List Price
MSS100	$5.50 net
MSS101	15.00 net

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Continuous Duty · Oil Impregnated AC Capacitors

Mallory Cat. No.	List Price
RP3301	$4.20
RP3302	5.20
RP3303	5.55
RP3304	6.20
RP3305	6.80
RP3306	7.50
RP3307	7.90
RP3308	8.35
RP3310	9.55
RP3312	10.90
RP3315	13.80

Tubular Paper Capacitors

Mallory Cat. No.	List Price
TP400	$0.23
TP401	.23
TP402	.23
TP403	.23
TP404	.23
TP405	.23
TP406	.23
TP407	.23

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Mallory Cat. No.	List Price
TP408	$0.23
TP409	.23
TP410	.27
TP411	.27
TP412	.27
TP413	.32
TP414	.32
TP415	.36
TP416	.36
TP417	.45
TP418	.41
TP419	.50
TP420	.50
TP421	.23
TP422	.81
TP423	.23
TP424	.27
TP425	.27
TP426	.27
TP427	.32
TP428	.32
TP429	.36
TP430	.41
TP431	.54
TP432	.72
TP433	1.13
TP434	.45
TP435	.45
TP437	.54
TP439	.68
TP442	.50
TP444	.45
TP445	.27
TP450	.27
TP451	.32
TP452	.41
TP453	.59
TP454	.68
TP455	.45
TP456	.45
TP457	.45
TP458	.45
TP459	.45
TP460	.45
TP461	.45
TP462	.45
TP463	.45
TP464	.45
TP465	.54
TP466	.54
TP467	.63

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Metal Cased Oil Impregnated Paper Capacitors

Mallory Cat. No.	List Price
OW340	$0.55
OW341	.55
OW331	.55
OW342	.55
OW343	.55
OW332	.55
OW344	.55
OW345	.55
OW346	.60
OW333	.60
OW334	.60
OW335	.60
OW336	.60
OW337	.60
OW338	.70
OW339	.70
OW611	1.20
OW612	1.25
OW613	1.25
OW621	1.10
OW622	1.10
OW623	1.15
OW625	1.15
OW6275	1.20
OW635	1.10
OWD335	.90

MALLORY CAPACITORS • LIST PRICES

★ Complete descriptions of these parts will be found on the following pages.

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Oil Impregnated Tubular Paper Capacitors

Mallory Cat. No.	List Price
OT101	$0.95
OT103	1.05
OT106	1.10
OT110	1.25
OT113	1.70
OT116	2.20
OT301	1.10
OT303	1.20
OT306	1.30
OT310	1.50
OT370	1.20
OT371	1.20
OT372	1.20
OT373	1.20
OT375	1.25
OT376	1.30
OT377	1.20
OT378	1.30
OT379	1.30
OT380	1.40
OT458	1.25
OT459	1.25
OT460	1.25
OT461	1.25
OT462	1.30
OT463	1.30
OT464	1.35
OT465	1.40
OT466	1.40
OT467	1.45

Vibrator Buffer Capacitor

Mallory Cat. No.	List Price
VB470	$1.10
VB471	1.15
VD491	.65
VO480	.65

Miniature Metal Tubular Capacitors

Mallory Cat. No.	List Price
MT105	$0.90
MT107	.90
MT115	.90
MT125	.90
MT127	.95
MT135	.95
MT145	1.00
MT605	.95
MT607	.95
MT615	.95
MT625	.95

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Automotive Noise Suppression Capacitors

Mallory Cat. No.	List Price
AG442	$0.80
AG443	1.00
AG444	.60
AG450	1.50
AG451	.65
AG452	.90
AG453	1.50
AS125	1.20
AS145	1.40
AS165	1.50
AS185	1.75
AS525	1.35
AS545	1.60
AS565	2.00
AM454	.65
FM441	.85
FM442	.65

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Mallory Cat. No.	List Price
DL445	$2.25
RF480	.80
RF481	.90
RF482	1.15
CA275X	3.00

Steel Cased Oil Filled Capacitors

Mallory Cat. No.	List Price
CB403	$2.25
CB404	2.40
CB405	2.85
CB406	3.60
CB602	2.65
CB603	2.80
CB604	3.00
CB605	3.40
CB1002	2.85
CB1003	2.95
CB1004	3.20
CBD403	3.25
CBD404	3.75
CBD602	3.35
CBT403	4.00
CBT404	4.75
CBT602	3.80

Uncased Wax Capacitor

Mallory Cat. No.	List Price
UB351	$1.00
UB352	1.50
UB353	2.60
UB354	1.15
UB355	1.80
UB356	3.00
UB357	1.05
UB358	1.40
UB359	2.10
UB364	3.90
UB362	2.30
UB363	3.80

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Ceramic Capacitors

Mallory Cat. No.	List Price
UC521	$0.25
UC522	.25
UC523	.25
UC525	.30
UC531	.25
UC532	.25
UC533	.25
UC535	.25
UC541	.25
UC545	.25
UC5215	.25
UC5225	.25
UC5315	.25
UC5325	.25
UC5375	.25
UC5415	.25
UC5425	.25
UC5475	.25
ZT531	.55
ZT541	.50
ZT542	.50
ZT545	.55
ZT553	.50
ZT555	.50
ZT5425	.50
ZT5433	.50
ZT5475	.55
NT531	.50
NT541	.50
NT555	.50
NT5447	.50
NT5475	.50

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Disk Ceramic Capacitors

Mallory Cat. No.	List Price
DC511	$0.30
DC525	.25

High Voltage Ceramic Capacitors

Mallory Cat. No.	List Price
HV15035	$2.25

Ceramic Trimmer Capacitors

Mallory Cat. No.	List Price
ST553Z	$1.50
ST5515Z	1.50
ST554N	1.50
ST557N	1.50
DT553Z	2.50
DT5515Z	2.50
DT554N	2.50
DT557N	2.50

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Radio Frequency Choke Coils

Mallory Cat. No.	List Price
RF581	$0.60
RF582	.60
RF583	1.25

Motor Brush Noise Filters (Type W)

Mallory Cat. No.	List Price
W7	$1.35
W9	1.75
W11	2.10
W7SP	1.80
W9SP	2.20

Appliance Noise Filters (Type X)

Mallory Cat. No.	List Price
X1	$1.60
X3	1.80
X5	2.70
X6	1.60
X6D	9.60

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Appliance Noise Filters (Type Z)

Mallory Cat. No.	List Price
Z2	$2.20
Z4	2.50
Z6	3.60
Z8	3.60

Heavy-Duty Appliance Noise Filters (Type LC)

Mallory Cat. No.	List Price
LC5	$11.25
LC10	15.00

Fluorescent Lighting Noise Filter

Mallory Cat. No.	List Price
Z8A	$3.00

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Heavy-Duty Appliance Noise Filters (Type LB)

Mallory Cat. No.	List Price
LB10	$17.50
LB20	47.50
LB40	58.75

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Mica Receiver Capacitors

Mallory Cat. No.	List Price
MC205	$0.25
MC215	.25
MC220	.25
MC223	.20
MC225	.20
MC230	.20
MC235	.20
MC236	.20
MC237	.20
MC240	.25
MC241	.25
MC243	.25
MC245	.25
MC251	.25
MC255	.30
MC256	.30
MCB205	.45
MCB215	.40
MCB220	.40
MCB223	.40
MCB225	.40
MCB230	.40
MCB235	.40
MCB236	.45
MCB237	.45
MCB240	.45
MCB241	.55
MCB243	.65
MCB245	.70
MCB251	.95
MCB255	1.10
MCE215	.50
MCE220	.50
MCE223	.50
MCE225	.50
MCE230	.50
MCE235	.50
MCE236	.55
MCE237	.55
MCE240	.55
MCE241	.70
MCE243	.80
MCE245	.85
MCE251	1.10
MCE255	1.35
MC445	.30
MC451	.30
MC456	.40
MC457	.40
MC460	.45
MC461	.50
MC463	.55
MC465	.60
MC467	.75
MC469	.90
MC471	1.00
MC475	1.20
MCB445	.70
MCB451	.95
MCB455	1.10
MCB456	1.35
MCB457	1.35
MCB460	1.80
MCB461	2.05
MCB463	2.15
MCB465	2.25
MCB467	2.60
MCB469	2.90
MCB471	3.20
MCB475	3.50
MCE445	.85
MCE451	1.15
MCE455	1.35

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Mallory Cat. No.	List Price
MCE456	$1.65
MCE457	1.65
MCE460	2.20
MCE461	2.45
MCE463	2.60
MCE465	2.70
MCE467	3.15
MCE469	3.50
MCE471	3.85
MCE475	4.20

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Mica Transmitting Capacitors (Type MH)

Mallory Cat. No.	List Price
MH535	$0.70
MH635	1.00
MH735	1.25
MH545	.70
MH645	1.00
MH745	1.70
MH555	.70
MH655	1.25
MH755	2.05
MH557	.80
MH657	1.90
MH757	3.10
MH565	1.00
MH665	2.40
MH765	4.70
MH575	1.60
MH675	3.90
MH577	2.20

Mica Transmitting Capacitors (Type MX)

Mallory Cat. No.	List Price
MX855	$8.00
MX857	11.00
MX865	14.50
MX875	15.25
MX877	16.00
MX885	18.50
MX895	18.50

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Transmitting Capacitors (Type TX)

Mallory Cat. No.	List Price
TX801	$5.20
TX802	6.50
TX803	8.50
TX804	5.70
TX805	7.60
TX806	9.60
TX807	6.85
TX808	9.50
TX809	12.75
TX810	8.40
TX811	9.95
TX812	12.25
TX813	20.00
TX814	18.75
TX815	23.25
TX816	10.50
TX817	14.00
TX818	39.00
TX819	50.00
TX820	62.00
TX821	77.00
TX822	4.55
TX823	13.75
TX824	12.75
TX825	15.50
TX827	43.00
TX828	62.00
TX829	15.75
TX830	23.00
TX831	6.50
TX832	6.90
TX833	18.00

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Mallory Cat. No.	List Price
TX834	$28.50
TX835	12.75
TX836	14.00
TX837	15.50
TX838	34.00
TX839	34.00

Transmitting Capacitors (Type TZ)

Mallory Cat. No.	List Price
TZ382	$4.65
TZ383	6.20
TZ384	4.30
TZ385	5.45
TZ386	5.05
TZ387	5.45
TZ388	7.25
TZ389	7.25
TZ390	6.85
TZ391	7.60

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Capacitor Tools & Hardware

Mallory Cat. No.	List Price
115-1	$0.20
116-1	.20
118-1	.20
119-1	.20
121-1	.35
122-1	.35
123-1	.35
124-1	.35
MP-2	.05
MP-4	.05
MP-6	.05
BP-2	.05
BP-4	.05
BP-4A	.05
BP-6	.05
PS-4	.70
PS-6	.90
PSC-4	.10
MW-100	1.75
015-1	.05
015-2	.05
MS-1	.05
A-016	.10
A-017	.10
PL-3	.20
PL-6	.25
PL-8	.30
PLA-3	.20
PLA-6	.25
PLA-8	.30
HB-4	.30
HB-8	.35
TH-13	.05
TH-15	.05
TH-17	.05
TH-19	.05
TH-21	.05
TH-23	.05
TH-25	.10
VR-1	.15
VR-3	.15
VR-4	.20
VR-6	.25
VR-8	.30
VR-10	.35
104-1	.20
OE-1	.05
OE-3	.05
OE-4	.10
OE-5	.10
OE-6	.10
CE-1	.10
CE-3	.10
CE-4	.10
CE-5	.10
CE-6	.10

MALLORY DRY ELECTROLYTIC CAPACITORS

Metal Tubular Dry Electrolytic Capacitors Single Section

APPLICATION—For under-chassis mounting in filter and audio bypass circuits where long life and small size is desirable.

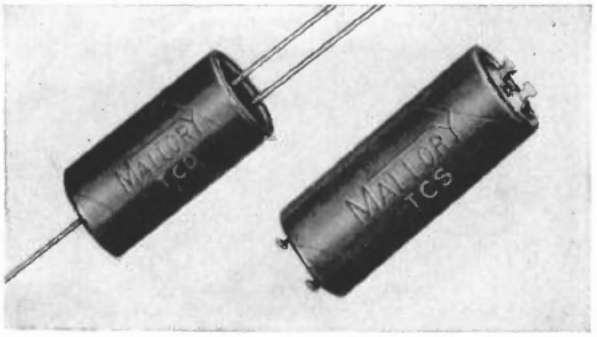
DESCRIPTION—Single section dry electrolytic type encased in hermetically sealed aluminum tube with external insulating sleeve. For extreme dependability at high voltage, types TC82 and TC92 employ the special Mallory balanced series unit construction.

TERMINALS—One 3" bare solid tinned copper lead at each end. Positive lead marked (+) on insulating sleeve.

MOUNTING—Designed for mounting by its own leads or with applicable hardware listed on page 17.

PACKAGING—25, 50, or 100 capacitors per display carton. Furnished in individual display cartons on orders for less than 25 or when specified.

Mallory Cat. No.	Cap. Mfd.	DC Wkg. Volts	Maximum Surge Voltage	Size Dia. Length
TC310	1000	3	4	15/16 x 1¾
TC605	500	6	10	13/16 x 1¾
TC610	1000	6	10	15/16 x 2
TC1505	500	15	20	15/16 x 2
TC22	10	25	40	9/16 x 1¼
TC26	25	25	40	9/16 x 1¼
TC29	50	25	40	11/16 x 1½
TC2501	100	25	40	13/16 x 1¾
TC2505	500	25	40	1 1/16 x 2⅞
TC30	5	50	75	9/16 x 1¼
TC32	10	50	75	9/16 x 1¼
TC36	25	50	75	11/16 x 1¼
TC39	50	50	75	13/16 x 1¼
TC40	5	150	200	9/16 x 1¼
TC41	8	150	200	11/16 x 1¼
TC42	10	150	200	11/16 x 1¼
TC43	12	150	200	11/16 x 1½
TC44	16	150	200	11/16 x 1½
TC45	20	150	200	13/16 x 1½
TC47	30	150	200	13/16 x 1½
TC48	40	150	200	15/16 x 1¾
TC49	50	150	200	15/16 x 1¾
TC50X	5	250	325	11/16 x 1¼
TC51	8	250	325	11/16 x 1¾
TC52	10	250	325	11/16 x 1¾
TC53	12	250	325	13/16 x 1¾
TC54	16	250	325	13/16 x 1¾
TC55	20	250	325	13/16 x 1¾
TC58	40	250	325	1 1/16 x 1¾
TC60	5	350	425	11/16 x 1¾
TC61	8	350	425	13/16 x 1¾
TC62	10	350	425	13/16 x 1¾
TC63	12	350	425	15/16 x 1¾
TC64	16	350	425	15/16 x 1¾
TC65	20	350	425	15/16 x 1¾
TC70	5	450	525	11/16 x 1¾
TC71	8	450	525	13/16 x 1¾
TC72	10	450	525	13/16 x 1¾
TC73	12	450	525	15/16 x 1¾
TC74	16	450	525	15/16 x 1¾
TC75	20	450	525	1 1/16 x 1¾
TC77	30	450	525	1 1/16 x 2¼
TC78	40	450	525	1 1/16 x 2⅞
TC82	10	500	650	1 1/16 x 2 15/16
TC92	10	600	750	1 1/16 x 2 15/16
TC308	.5Z @ 15750 Cycles 3 V. NP			1 1/16 x 2
TC420	1.5Z @ 60 Cycles 4 V. NP			1 1/16 x 2⅞



Metal Tubular Dry Electrolytic Capacitors Dual Section

APPLICATION—For under-chassis mounting in filter and audio bypass circuits where long life and small size is desirable.

DESCRIPTION—Dual section dry electrolytic type encased in hermetically sealed aluminum tube with external insulating sleeve. Type TCD is dual common negative, TCS dual separate section.

TERMINALS—Type TCD is supplied with 3" bare solid tinned copper leads, both positive leads at one end and common negative lead at opposite end. Type TCS is supplied with soldering lugs, positive and negative of one section at one end and the other section at the opposite end.

MOUNTING—Type TCD is designed for mounting by its own leads or with applicable hardware shown on page 17. Type TCS is supplied with the Mallory TH clips for mounting, further described on page 17.

PACKAGING—Individual display carton.

Dual Common Negative

Mallory Cat. No.	Cap. Mfd.	DC Wkg. Volts	Maximum Surge Voltage	Size Dia. Length
TCD26	25-25	25	40	13/16 x 1¼
TCD45	20-20	150	200	13/16 x 2
TCD47	30-30	150	200	15/16 x 2
TCD48	40-40	150	200	1 1/16 x 2
TCD485	40-20	150	200	1 1/16 x 2
TCD49	50-50	150	200	1 1/16 x 3 1/16
TCD497	50-30	150	200	1 1/16 x 2¼
TCD52	10-10	250	325	15/16 x 2
TCD55	20-20	250	325	1 1/16 x 2
TCD62	10-10	350	425	15/16 x 2
TCD65	20-20	350	425	1 1/16 x 3 1/16
TCD71	8-8	450	525	15/16 x 2
TCD72	10-10	450	525	1 1/16 x 2
TCD74	15-15	450	525	1 1/16 x 3 1/16
TCD75	20-20	450	525	1 1/16 x 3 1/16

Dual Separate-Section

Mallory Cat. No.	Cap. Mfd.	DC Wkg. Volts	Maximum Surge Voltage	Size Dia. Length
TCS44	15-15	150	200	13/16 x 2⅜
TCS45	20-20	150	200	15/16 x 2⅜
TCS47	30-30	150	200	1 1/16 x 2⅜
TCS48	40-40	150	200	1 1/16 x 2⅞
TCS52	10-10	250	325	15/16 x 2⅜
TCS55	20-20	250	325	1 1/16 x 2⅜
TCS61	8-8	350	425	15/16 x 2⅜
TCS64	15-15	350	425	1 1/16 x 2⅞
TCS71	8-8	450	525	1 1/16 x 2⅜
TCS74	15-15	450	525	1 1/16 x 2⅞
TCS75	20-20	450	525	1 1/16 x 3½

MALLORY DRY ELECTROLYTIC CAPACITORS

FP† Dry Electrolytic Capacitors

APPLICATION—For top chassis mounting in filter and audio bypass circuits. Extremely dependable under heavy ripple current, high surge voltage and high temperature (up to 185°F.) conditions.

DESCRIPTION—Single, dual, triple and quad section units encased in compact hermetically sealed aluminum cases with self-contained mounting feature. Type FP is supplied with famous Mallory Fabricated Plate (metalized cotton gauze) anodes, type WP with etched plate anodes. Special internal design provides low RF impedance and minimum coupling between sections. Case at negative potential.

TERMINALS—Solder lug type all at one end. Positive terminals identified by symbols in terminal board corresponding to case marking. Mounting ring provides negative terminal connection.

MOUNTING—Primarily designed for twist prong mounting through suitable chassis slots and may also be mounted as follows:

1. Type MP metal wafer providing the necessary slots without actually punching the chassis for grounded negative circuits.
2. Type BP bakelite wafer for insulated mounting, otherwise similar to Paragraph No. 1.
3. Type TH clip for horizontal mounting.
4. Type PS socket for plug-in mounting. (Remove blank ear with diagonal pliers to polarize unit in relation to socket.)

See page 17 for applicable hardware.

PACKAGING—Individual display carton.

†Only Mallory can supply genuine Fabricated Plate (metalized cotton gauze) capacitors.

Mallory Cat. No.	Capacity Mfd.	Wkg. Volts DC	Size Dia. Length
WP032	3000	10	1⅜ x 2½
WP039	1000	15	1 x 2½
WP041	2000	15	1⅜ x 2½
WP055	100	25	1 x 2
WP057	500	25	1 x 2½
WP059	1000	25	1⅜ x 2
WP065	500	50	1⅜ x 2
FP113	30	150	¾ x 2
FP115	50	150	1 x 2
FP116	100	150	1 x 3
FP117	150	150	1 x 3
FP125	15	250	¾ x 2
FP135	30	350	1 x 2
FP137	50	350	1 x 2½
FP138	80	350	1⅜ x 2½
FP140	125	350	1⅜ x 3
FP142	10	450	¾ x 2
FP143	15	450	1 x 2
FP144	20	450	1 x 2
FP145	30	450	1 x 3
FP146	40	450	1 x 3
FP149	80	450	1⅜ x 2½
WP200	1000-1000	15	1⅜ x 2½
WP204	250-1000	10-6	1⅜ x 2
FP208	20-20	150	1 x 2
FP210	40-20	150	1 x 2
FP211	30-30	150	1 x 2
FP212	40-40	150	1 x 2½
FP213	50-30	150	1 x 2½
FP214	50-50	150	1 x 2½
FP215	125-100	150	1⅜ x 2½
FP216	80-40	150	1 x 3
FP217	20-20	250	1 x 2
FP218	120-20	300	1⅜ x 3
FP225	15-15	350	1 x 2
FP227	20-20	350	1 x 3
FP228	30-30	350-300	1 x 3
FP231	10-10	450	1 x 2
FP234	20-20	450	1 x 3
FP235	20-80	450-350	1⅜ x 2½
FP236	40-10	450	1⅜ x 2
FP237	30-30	450	1⅜ x 2½
FP238	40-40	450	1⅜ x 3
FP239	50-40	450	1⅜ x 3
FP240*	50-50	450	1⅜ x 3
FP550	10-80	450-400	1⅜ x 3
FP244	80-50	450-50	1⅜ x 3
FP245	80-10	450	1⅜ x 3
WP520	40-40-40	25	1 x 2
WP302	15-15-1000	150-150-2	1 x 2
FP303	20-250-100	150-15-15	1⅜ x 2
FP304	40-20-200	150-150-25	1 x 3
FP306	40-20-20	150-150-25	1 x 2
FP307	40-20-100	150-150-25	1 x 2½
FP310	40-40-20	150-150-25	1 x 2½
FP309	50-30-100	150-150-25	1 x 2½
FP311	50-50-20	150-150-25	1 x 3
FP312	100-25-50	150-25-50	1 x 3
FP313	30-20-20	200-200-25	1 x 2
FP316	20-15-20	250-250-25	1 x 2
FP318	90-90-20	200-200-50	1⅜ x 3
FP326	100-60-20	300-150-25	1⅜ x 3
FP328	15-10-20	350-350-25	1 x 2
FP369	20-10-5	350-350-250	1 x 2
FP371	30-10-20	350-350-250	1 x 3
FP330	30-20-20	350-350-25	1 x 3
FP331	30-30-20	350-300-25	1 x 3
FP332	10-10-20	450-450-25	1 x 2
FP341	40-90-50	450-150-150	1⅜ x 3
FP342	40-40-130	450-150-50	1⅜ x 3
FP343	40-100-50	450-150-50	1⅜ x 3
FP344	10-30-30	450-400-300	1⅜ x 2½
FP380	20-15-15	450-350-300	1 x 3
FP339	20-20-20	450-450-25	1 x 3
FP345	40-10-80	450-450-200	1⅜ x 3
FP346	40-40-20	450-450-25	1⅜ x 3
FP395	40-40-40	450-450-150	1⅜ x 3
FP354	20-20-20	150	1 x 2
FP355	40-20-20	150	1 x 2½
FP357	40-40-40	150	1 x 3
FP360	15-20-20	250-150-150	1 x 2
FP363	40-20-20	250	1⅜ x 2
FP367	10-10-10	350	1 x 2
FP389	10-10-10	450	1 x 2½
FP390	15-15-10	450	1 x 3
FP393	40-40-10	450	1⅜ x 3
FP407	30-20-20-200	150-150-150-10	1⅜ x 2
FP409	40-40-30-20	150-150-150-25	1⅜ x 2
FP410	50-50-50-20	150-150-150-25	1⅜ x 2½
FP413	40-40-40-20	300-300-300-150	1⅜ x 3
FP414	15-80-40-200	350-200-200-25	1⅜ x 3
FP416	40-40-20-20	350-300-300-25	1⅜ x 3
FP421	5-5-50-80	400-400-300-250	1⅜ x 3
FP428	40-10-35-10	450-450-350-350	1⅜ x 3
FP424	15-15-10-20	450-450-450-25	1⅜ x 2
FP431	40-10-15-25	450-450-450-25	1⅜ x 3
FP432	40-10-10-250	450-450-450-25	1⅜ x 3
FP426	20-15-20-20	450-450-25-25	1⅜ x 2
FP429	40-30-10-20	450-450-450-25	1⅜ x 3
FP433	60-10-10-20	450-450-450-150	1⅜ x 3
FP434	10-10-10-10	450	1⅜ x 2
FP444	20-20-20-20	450	1⅜ x 3
WP505	10Z@30 cycles to 5 megacycles	3 V. NP	¾ x 2
WP510	.5Z@15750 cycles	3 V. NP	1 x 2
WP540	1.0Z@60 cycles	3 V. NP	1⅜ x 3

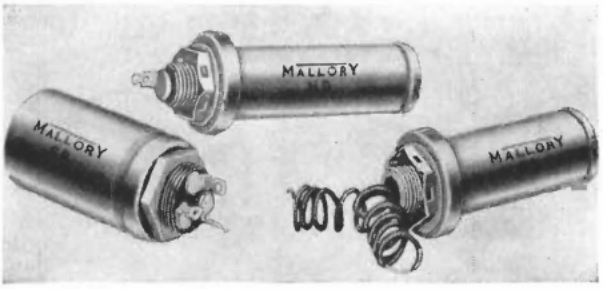
*For Photoflash Applications.

Surge Voltage Data

● Due to the many multiple section listings on FP capacitors, it is not practical to show surge voltage ratings without consuming considerable space in the chart. The surge voltage ratings are, therefore, given separately in the small chart.

Wkg. VDC.	Surge Volts
6	10
10	15
15	20
25	40
150	200
200	275
250	325
300	375
350	425
400-450	525

MALLORY DRY ELECTROLYTIC CAPACITORS



Threaded Neck Dry Electrolytic Capacitors

APPLICATION—Designed for replacement of wet or dry electrolytic threaded neck type filter capacitors originally employed in any type of electronic filter or bypass circuit.

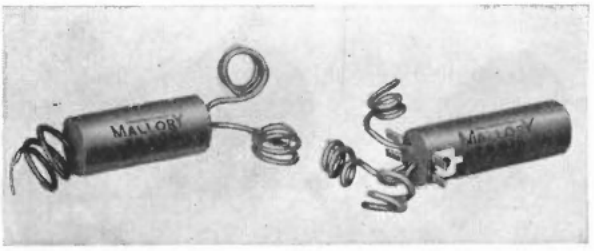
DESCRIPTION—Type RS are single section, RM multiple separate section capacitors encased in aluminum cans equipped with threaded necks for mounting. Both types are internally insulated from their aluminum can. Type HD is for heavy duty, type HS for high surge voltage conditions. Type SR638 is lug type dual. Type SR645 has special internal connections, one terminal common anode, one terminal negative to one section and case negative to the other section.

TERMINALS—RS, RM and HS have 8″ flexible insulated stranded copper leads all out through the threaded neck part of the case. Type HD has one solder lug terminal for positive and case is negative. Type SR has two positive lug terminals with case common negative.

MOUNTING—Types RS, RM, HD and HS have threaded necks (⅝ x 16 for 1″ dia.—¾ x 16 for 1⅜″ dia.) supplied with palnut and special washer providing installation in various chassis hole sizes. All 1″ diameter units in these types are also supplied with a special turned-over washer for 1⅜″ clamp mounting. Type SR has ⅞-16 thread molded necks with solid nut. See page 17 for other hardware.

PACKAGING—Individual display carton.

Mallory Cat. No.	Capacity Mfd.	Volts DC	Size Dia. Length
RS207	30	250	1 x 3½
RS212	8	450	1⅜ x 3
RS213	8	450	1 x 2¾
RS214	12	450	1⅜ x 3
RS215	12	450	1 x 2¾
RS216	16	450	1 x 3½
RS217	16	450	1⅜ x 3
RS219	20	450	1⅜ x 3
RS223	30	450	1⅜ x 3
RS224	40	450	1⅜ x 3
HD684	10	450	1 x 3
HS693	8	600	1⅜ x 4
RM262	8-8	450	1⅜ x 3¾
RM265	8-8-8	450	1⅜ x 4¼
SR638	8-8	450	1⅜ x 2⅞
SR645	8-8	450	1⅜ x 2⅞



Cardboard Tubular Dry Electrolytic Capacitors

APPLICATION—Low cost filter and bypass units for above or below-chassis mounting where humidity conditions are not extreme.

DESCRIPTION—Single, dual, triple and quad section units in cardboard tubes with extra inner seal and ample wax seal at ends. Dual, triple and quad section units are common negative or separate section type, as indicated in chart.

TERMINALS—All types are supplied with flexible covered leads out one end except those marked (*) which have negative lead out opposite end.

MOUNTING—All units (except TN111) are supplied with an adjustable horizontal mounting strap (MS-1) and all units with leads out one end have special feet for vertical mounting in addition to the strap. For other hardware, see page 17.

PACKAGING—Individual display carton.

Mallory Cat. No.	Capacity Mfd.	Volts DC	Size Dia. Length
Single Sections			
ST595	8	450	¾ x 2½
ST597	16	450	⅞ x 2¾
ST598	20	450	1 x 2¾
ST599	30	450	1 x 3½
Dual Common Negative			
TN111	10-10	25	⅝ x 1¾
2N509*	20-20	150	⅞ x 2⅛
2N513*	30-30	150	⅞ x 2⅜
2N514*	40-20	150	⅞ x 2½
2N511*	40-40	150	15/16 x 2½
2N520*	50-30	150	1 x 2⅜
2N521	50-50	150	1 x 2⅞
2N516*	8-8	250	⅞ x 2⅛
2N518	8-8	450	15/16 x 2¾
Dual Separate Sections			
2S556	30-30	150	1⅛ x 2⅞
2S567	8-8	450	1⅛ x 2¾
2S569	16-16	450	1¼ x 3⅞
Triple Common Negative			
3N527*	20-20-20	150-150-25	15/16 x 2¼
3N533*	30-30-20	150-150-25	1 x 2⅜
TN125*	20-10-10	150	⅞ x 2⅜
TN129	40-20-20	150	1 x 2⅞
Triple Separate Section			
3S579	8-8-20	450-450-25	1 3/16 x 2⅞
3S584	8-8-8	450	1 3/16 x 2⅞
Quad Separate Sections			
4S715	16-16, 10-10	150-25	1⅜ x 2⅝

NOTE—Triple and Quad Separate Section units have first section separate, others common negative.

MALLORY DRY ELECTROLYTIC CAPACITORS

High Capacity Dry Electrolytic Capacitors and Non-Polarized Dry Electrolytic Capacitors

APPLICATION—Type HC are for filtering dry disc rectifiers and for electric fence controls, talking picture equipment, and other high-capacity low-voltage applications. Type HC1060A is especially designed for replacement in fence control equipment.

Type NP are non-polarized units for use where polarity may be applied in either direction, but are not suitable for continuous AC applications. Useful in welding and control equipment as a stored energy device.

DESCRIPTION—High quality etched plate electrolytic capacitors supplied in moisture-proof plastic cases requiring no external insulation. Type HC are polarized, and NP are non-polarized type.

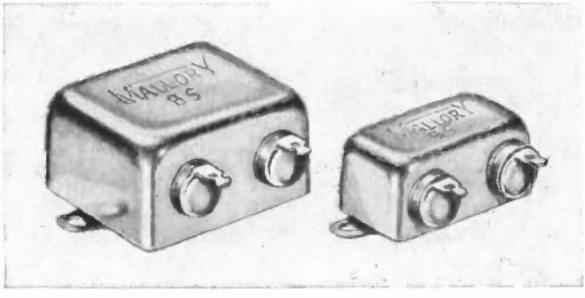
TERMINALS—Two solder lug terminals at one end.

MOUNTING—Supplied with type VR bracket for vertical mounting, and design permits horizontal mounting with protector end cap (sold separately). See page 17 for hardware details.

PACKAGING—Individual display carton.

Mallory Cat. No.	Capacity Mfd.	DC Wkg. Volts	Maximum Surge Voltage	Size Dia. Length
HC1020	2000	10	15	1 7/16 x 3 3/8
HC1040	4000	10	15	1 13/16 x 4 3/8
HC1060	6000	10	15	2 1/16 x 4 3/8
HC1060A*	6000	10	15	1 1/2 x 4 1/8
HC1520	2000	15	20	1 13/16 x 3 3/8
HC1540	4000	15	20	1 13/16 x 4 3/8
HC1560	6000	15	20	1 13/16 x 4 3/8
HC2510	1000	25	40	1 7/16 x 3 3/8
HC2520	2000	25	40	1 13/16 x 3 3/8
HC2540	4000	25	40	1 13/16 x 4 3/8
HC5005	500	50	75	1 7/16 x 3 3/8
HC5010	1000	50	75	1 13/16 x 3 3/8
HC5020	2000	50	75	1 13/16 x 4 3/8
HC15010	1000	150	200	2 1/16 x 4 3/8
HC20005	500	200	275	2 1/16 x 4 3/8
NP0340	2000	25	40	2 1/16 x 4 3/8
NP0555	500	50	75	1 13/16 x 4 3/8
NP1225	200	125	200	1 13/16 x 4 3/8
NP1235	300	125	200	2 1/16 x 4 3/8
NP1245	400	125	200	2 1/16 x 4 3/8
NP1255	500	125	200	2 1/16 x 4 3/8
NP2514	100	250	325	1 13/16 x 4 3/8
NP2520	150	250	325	1 13/16 x 4 3/8
NP2525	200	250	325	2 1/16 x 4 3/8
NP3003	15	300	375	1 7/16 x 3 3/8
NP3006	30	300	375	1 7/16 x 3 3/8
NP3008	50	300	375	1 7/16 x 3 3/8
NP3014	100	300	375	1 13/16 x 4 3/8
NP3020	150	300	375	2 1/16 x 4 3/8
NP3025	200	300	375	2 1/16 x 4 3/8
NP4503	30	450	525	1 7/16 x 3 3/8
NP4505	50	450	525	1 13/16 x 3 3/8
NP4510	100	450	525	2 1/16 x 4 3/8

*This unit in Aluminum Case



Bathtub Dry Electrolytic Capacitors

APPLICATION—For filter and bypass circuits in marine, aircraft, geophysical and other applications where extreme operating conditions are encountered. BS81 and BS91 are ideal for power amplifier and other high voltage applications.

DESCRIPTION—Dry electrolytic capacitors where cartridges are first sealed in aluminum tubes and then encased in sturdy corrosion-resistant, hot-tinned steel cases providing complete hermetical seal under all weather conditions. All units internally insulated from outer case. BS81 and BS91 employ the special Mallory balanced series unit construction for extreme dependability at high voltage. Temperature range, −40°F. to +185° F.

TERMINALS—Two solder lug terminals on one side

MOUNTING—Provided with mounting flanges at each end having 3/16" holes.

PACKAGING—Individual display carton.

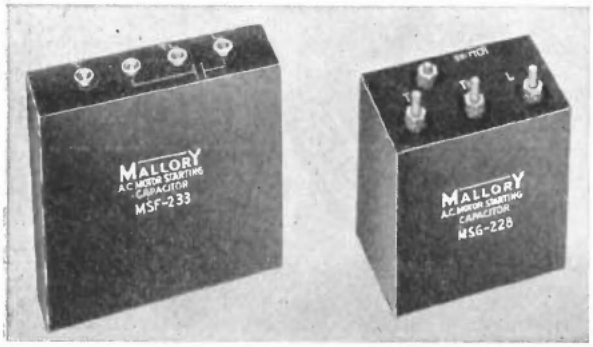
Mallory Cat. No.	Cap. Mfd.	DC Wkg. Volts	Max. Surge Voltage	Size* H W L Y
BS26	25	25	40	3/4 x 1 x 1 3/4 x 2 1/8
BS29	50	25	40	3/4 x 1 x 1 3/4 x 2 1/8
BS36	25	50	75	3/4 x 1 x 1 3/4 x 2 1/8
BS39	50	50	75	7/8 x 1 x 1 3/4 x 2 1/8
BS45	20	150	200	7/8 x 1 x 1 3/4 x 2 1/8
BS48	40	150	200	1 x 1 1/4 x 1 3/4 x 2 1/8
BS62	10	300	375	7/8 x 1 x 1 3/4 x 2 1/8
BS65	20	300	375	1 1/8 x 1 1/4 x 1 3/4 x 2 1/8
BS81	8	500	650	1 x 1 3/4 x 2 x 2 3/8
BS91	8	600	750	1 x 1 3/4 x 2 x 2 3/8

*H—Height; W—Width; L—Length; Y—Mounting Centers.

MALLORY VIBRATOR GUIDE

Long recognized as one of the most useful publications in the radio service field. Up-to-date, completely organized for quick, accurate reference. Contains all available information through 1947 automobile and battery-operated home radio receivers as well as vibrator power supplies. See your Mallory Distributor.

MALLORY DRY ELECTROLYTIC CAPACITORS



AC Motor Starting Capacitors Dry Electrolytic

APPLICATION—For replacement of rectangular case type motor starting capacitors.

DESCRIPTION—Dry electrolytic intermittent duty AC capacitors housed in rectangular cases and provided with terminal arrangement similar to the design of the original capacitors they replace.

TERMINALS—Equipped with two capacitor terminals and two dummy terminals. The L and unmarked terminal are the capacitors, while T and TL are dummies for convenience in wiring.

MOUNTING—Designed to mount in the original clamps or boxes used for the original capacitors.

PACKAGING—Individual display carton.

Mallory Cat. No.	Mfd. New	Rating Old	Volts AC	Size* W L H
MSG220	32	32-36	110	2 x 3½ x 3½
MSG221	53	53-60	110	2 x 3½ x 3½
MSG222	64	64-72	110	2 x 3½ x 3½
MSG223	78	78-85	110	2 x 3½ x 3½
MSF224	86	86-96	110	1¼ x 4½ x 4½
MSG225	97	97-107	110	2 x 3½ x 3½
MSG226	108	108-120	110	2 x 3½ x 3½
MSF227	108	108-120	110	1¼ x 4½ x 4½
MSG228	124	124-138	110	2 x 3½ x 3½
MSF229	124	124-138	110	1¼ x 4½ x 4½
MSG230	145	145-162	110	2 x 3½ x 3½
MSG231	161	161-180	110	2 x 3½ x 3½
MSF232	161	161-180	110	1½ x 4¼ x 4¼
MSF233	189	189-210	110	1½ x 4¼ x 4¼
MSG234	270	270-300	110	2 x 3½ x 3½
MSG250	26	26-30	220	2 x 3½ x 3½
MSG251	32	32-36	220	2 x 3½ x 3½
MSF252	32	32-36	220	1¼ x 4½ x 4½
MSG253	43	43-48	220	2 x 3½ x 3½

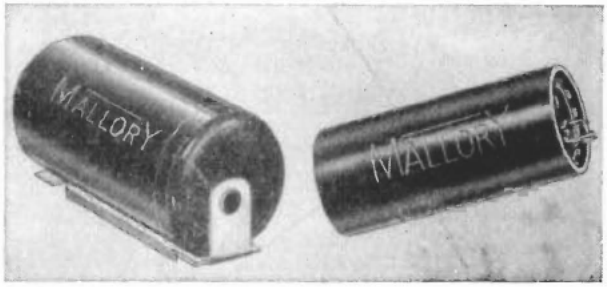
*W—Width; L—Length; H—Height.

Capacitor Selector

For determining correct capacity to use in making replacements of defective motor starting capacitors which have lost their identity.

For checking capacity ranges from 26 to 161 mfd. 110-125 VAC **Catalog No. MSS-100.**

For checking capacity ranges from 25 to 645 mfd. 110-125 VAC **Catalog No. MSS-101.**



AC Motor Starting Capacitors Dry Electrolytic

APPLICATION—For intermittent duty in starting AC capacitor motors in any application where round type cases are required.

DESCRIPTION—Dry electrolytic non-polarized type capacitors housed in round cases. Rated at the minimum capacity value with a plus tolerance of 20% unless otherwise indicated by reference to old minimum-maximum capacity rating. Type P furnished in moisture-proof plastic containers, and type MSU in aluminum cases with external insulating sleeve.

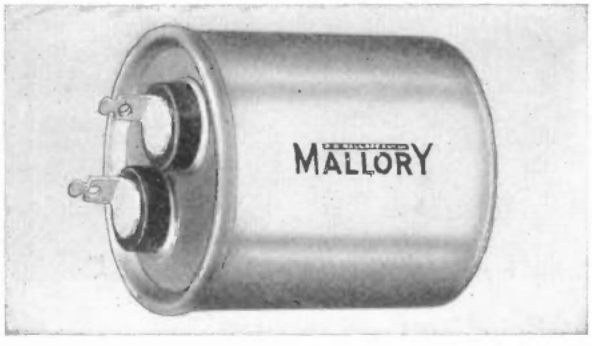
TERMINALS—Two solder lug terminals at one end.

MOUNTING—Both type P and MSU may be mounted interchangeably in any original mounting for units of equivalent size. Type P may also be mounted by means of a plastic end cap (type PL) and sturdy metal snap-in type bracket (type HB) furnished separately when desired. See page 17 for these and other mounting hardware.

PACKAGING—Individual display carton.

Mallory Cat. No.	Mfd. New	Rating Old	Volts AC	Size Dia. Length
MSU120	20	20-24	110	1⅜ x 2¾
MSU121	26	26-30	110	1⅜ x 2¾
MSU122	32	32-36	110	1⅜ x 2¾
MSU123	38	38-42	110	1⅜ x 2¾
MSU124	43	43-48	110	1⅜ x 2¾
P5310	53	53-60	110	1 7/16 x 3⅜
P6410	64	64-72	110	1 7/16 x 3⅜
P7010	70	70-78	110	1 7/16 x 3⅜
P7510	75	75-84	110	1 7/16 x 3⅜
P8610	86	86-96	110	1 7/16 x 3⅜
P9710	97	97-107	110	1 7/16 x 3⅜
P10810	108	108-120	110	1 7/16 x 3⅜
P12410	124	124-138	110	1 7/16 x 3⅜
P13010	130	130-157	110	1 7/16 x 3⅜
P14510	145	145-162	110	1 7/16 x 3⅜
P16110	161	161-180	110	1 7/16 x 3⅜
MSU136	194	194-216	110	1⅜ x 4¼
P19410	194	194-216	110	1 7/16 x 3⅜
MSU138	200	200-220	110	1⅜ x 4¼
P21610	216	216-240	110	1 13/16 x 3⅜
P24310	243	243-270	110	1 13/16 x 3⅜
P27010	270	270-300	110	1 13/16 x 4⅜
P32410	324	324-360	110	1 13/16 x 4⅜
P34010	340	340-412	110	2 1/16 x 4⅜
P37810	378	378-420	110	2 1/16 x 4⅜
P40010	400	400-450	110	2 1/16 x 4⅜
P43010	430	430-485	110	2 1/16 x 4⅜
P2520	25	26-30	220	1 7/16 x 3⅜
P3220	32	32-36	220	1 13/16 x 3⅜
P3820	38	38-42	220	1 13/16 x 3⅜
P4320	43	43-48	220	1 13/16 x 3⅜
P5320	53	53-60	220	1 13/16 x 3⅜
P6420	64	64-72	220	1 13/16 x 4⅜
P7020	70	70-78	220	2 1/16 x 4⅜
P7520	75	75-84	220	2 1/16 x 4⅜
P8620	86	86-96	220	2 1/16 x 4⅜

MALLORY PAPER CAPACITORS



Continuous Duty—Oil Impregnated—AC Capacitors

APPLICATION—Designed primarily for heavy duty AC applications. May be used as motor running capacitors, fluorescent light ballast, etc. where continuous duty and dependability are required.

DESCRIPTION—Supplied in metal cases, these units may be safely operated at voltages up to 10% above the rated values and at temperatures as high as 75°C. The impregnating oil is non-inflammable and non-oxidizable, which accounts for the high safety factor and long life of these capacitors.

TERMINALS—Two solder lug terminals at one end. Terminals feature a new all welded construction.

MOUNTING—Mounting may be accomplished by using the original housing or by means of type VR brackets. Complete description of available hardware is on page 17. Order separately as required.

PACKAGING—Individual display carton.

Mallory Cat. No.	Cap. Mfd.	Volts AC	Size Dia. Length
RP-3301	1	330	1⅜ x 1⅞
RP-3302	2	330	1⅜ x 3⅛
RP-3303	3	330	2 x 2 5/16
RP-3304	4	330	2 x 2⅞
RP-3305	5	330	2 x 3 5/16
RP-3306	6	330	2 x 3 13/16
RP-3307	7	330	2 x 4 5/16
RP-3308	8	330	2 x 4 13/16
RP-3310	10	330	2½ x 4⅛
RP-3312	12	330	2½ x 4¾
RP-3315	15	330	2½ x 5 11/16

HERE'S WHAT YOU GET IN YOUR

MALLORY TECHNICAL MANUAL:

Loud Speakers and Their Use
Superheterodyne First Detectors and Oscillators
Half-Wave and Voltage Doubler Power Supplies
Vibrators and Vibrator Power Supplies
Phono-Radio Service Data
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Fundamentals of Television
Dry Electrolytic Capacitors
Practical Radio Noise Suppression
Vacuum Tube Voltmeters
Useful Servicing Information
Receiving Tube Characteristics

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Tubular Paper Capacitors

APPLICATION—For use in radio and electronic circuits, especially RF bypassing, where low cost and small size are paramount. Well protected from moisture but not hermetically sealed.

DESCRIPTION—Both TP and OW are compact paper tubular construction. Type TP is wax impregnated and filled. Type OW is oil impregnated and wax filled.

TERMINALS—Two bare tinned copper leads, one at each end.

MOUNTING—By means of their lead wires or TH clips of applicable size. See page 17 for mounting hardware.

PACKAGING—25, 50 or 100 capacitors per display carton.

Wax impregnated tubular paper capacitors

Cap. Mfd.	400 Volts DC		600 Volts DC		1000 Volts DC	
	Mallory Cat. No.	S	Mallory Cat. No.	S	Mallory Cat. No.	S
.0001			**TP401**	1		
.00025			**TP402**	1		
.0005			**TP403**	1		
.001			**TP404**	19	**TP455**	19
.002			**TP405**	2	**TP456**	19
.003			**TP406**	19	**TP457**	20
.004			**TP407**	19	**TP458**	20
.005			**TP408**	19	**TP459**	3
.006			**TP409**	19	**TP460**	3
.007			**TP445**	2	**TP461**	5
.008			**TP450**	2	**TP462**	5
.01	**TP421**	19	**TP410**	2	**TP434**	3
.015	**TP400**	4	**TP411**	3	**TP463**	7
.02	**TP423**	3	**TP412**	5	**TP435**	8
.025			**TP451**	5		
.03	**TP424**	5	**TP413**	8	**TP464**	9
.04	**TP425**	5	**TP414**	8	**TP465**	9
.05	**TP426**	7	**TP415**	8	**TP437**	10
.06	**TP427**	7	**TP416**	6	**TP466**	10
.075			**TP452**	9	**TP467**	11
.1	**TP428**	8	**TP418**	9	**TP439**	12
.15			**TP417**	11		
.2	**TP429**	10	**TP419**	12		
.25	**TP430**	11	**TP420**	13		
.3	**TP444**	11	**TP453**	14		
.4	**TP442**	12	**TP454**	15		
.5	**TP431**	14	**TP432**	16		
1.0	**TP422**	17	**TP433**	18		

Type TP Size Chart

To save space in the main chart, the various sizes have been listed below. Column "S" refers to these sizes.

S	Size Dia. Length	S	Size Dia. Length
1	11/32 x 1	11	11/16 x 1⅞
2	7/16 x 1	12	¾ x 1⅞
3	7/16 x 1¼	13	13/16 x 1⅞
4	½ x 1 1/16	14	⅞ x 1⅞
5	½ x 1¼	15	⅞ x 2
6	9/16 x 1¼	16	1 x 2¼
7	½ x 1½	17	1 x 2½
8	17/32 x 1½	18	1¼ x 2½
9	⅝ x 1 9/16	19	.390 x 1
10	⅝ x 1⅞	20	.390 x 1¼

MALLORY OIL IMPREGNATED CAPACITORS

Oil Impregnated Tubular Paper Capacitors

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size Dia. Length
OW340	.0005	1600	½ x 1⅛
OW341	.001	1600	½ x 1⅛
OW331	.002	1600	9/16 x 1⅛
OW342	.003	1600	⅝ x 1⅛
OW343	.004	1600	9/16 x 1 5/16
OW332	.005	1600	9/16 x 1 5/16
OW344	.006	1600	9/16 x 1 9/16
OW345	.007	1600	9/16 x 1 9/16
OW346	.0075	1600	9/16 x 1 9/16
OW333	.008	1600	9/16 x 1 9/16
OW334	.01	1600	⅝ x 1 9/16
OW335	.015	1600	11/16 x 1 9/16
OW336	.02	1600	¾ x 1 9/16
OW337	.03	1600	¾ x 2
OW338	.04	1600	13/16 x 2
OW339	.05	1600	⅞ x 2
OWD335	.015 / .015	1600	¾ x 2
OW635	.0005	6000	9/16 x 1¾
OW621	.001	6000	11/16 x 1¾
OW622	.002	6000	27/32 x 1¾
OW623	.003	6000	1 x 1¾
OW625	.005	6000	27/32 x 2½
OW6275	.0075	6000	15/16 x 2½
OW611	.01	6000	1 1/32 x 2½
OW612	.02	6000	1 7/32 x 3
OW613	.03	6000	1¼ x 3¾

Metal Cased Oil Impregnated Paper Capacitors

APPLICATION—For vibrator buffer, coupling, and other circuits where highest quality tubular type capacitors are required.

DESCRIPTION—Mineral oil impregnated hermetically sealed aluminum tubulars with external insulating sleeves.

TERMINALS—Two bare tinned copper leads, one at each end.

MOUNTING—Designed for mounting by its own leads, may also be mounted by use of the TH clip furnished with each capacitor. See page 17 for description of the TH clip and other hardware.

PACKAGING—10 capacitors per display carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size Dia. Length
OT101	.01	600	⅝ x 1 3/16
OT103	.02	600	⅝ x 1 3/16
OT106	.05	600	11/16 x 1⅜
OT110	.1	600	11/16 x 1 11/16
OT113	.25	600	13/16 x 2⅛
OT116	.5	600	1 1/16 x 2¼
OT301	.01	1000	⅝ x 1 3/16
OT303	.02	1000	11/16 x 1⅜
OT306	.05	1000	11/16 x 2 3/16
OT310	.1	1000	13/16 x 2 3/16
OT370	.002	1600	⅝ x 1⅜
OT377	.003	1600	⅝ x 1⅜
OT371	.005	1600	⅝ x 1⅜
OT372	.008	1600	⅝ x 1⅜
OT373	.01	1600	11/16 x 1⅜
OT375	.015	1600	11/16 x 1 15/16
OT376	.02	1600	11/16 x 1 11/16
OT378	.03	1600	11/16 x 2 3/16
OT379	.04	1600	11/16 x 2 3/16
OT380	.05	1600	11/16 x 2 7/16
OT458	.0025	2000	11/16 x 1⅜
OT459	.005	2000	11/16 x 1 11/16
OT460	.0075	2000	11/16 x 1 11/16
OT461	.01	2000	11/16 x 1 11/16
OT462	.0125	2000	11/16 x 1 15/16
OT463	.015	2000	11/16 x 1 15/16
OT464	.02	2000	13/16 x 2⅛
OT465	.03	2000	13/16 x 2⅛
OT466	.04	2000	13/16 x 2⅜
OT467	.05	2000	13/16 x 2⅜

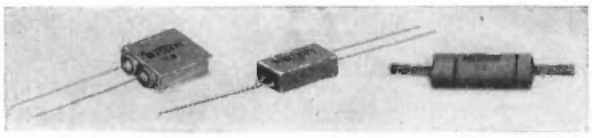


Fig. 1 Fig. 2 Fig. 3

Vibrator Buffer Capacitors

APPLICATION—Intended for replacement of original vibrator buffer and hash suppressor capacitors of similar design.

DESCRIPTION—Type VB is oil impregnated and housed in small rectangular metal case. Section is insulated from case. Type VD is dual wax impregnated unit in small rectangular waxed cardboard case. Type VO is wax impregnated and filled in oval waxed tube.

TERMINALS—VB has two bare tinned copper leads out one end. VD has two bare tinned copper leads out one end and one similar common lead out the other end. VO has heavy copper braid at each end.

MOUNTING—In recess or clamp used in the original equipment.

PACKAGING—Individual display carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size* W L H	Fig. No.
VB470	.0075	1600	5/16 x ⅝ x ⅞	1
VB471	.01	1600	5/16 x ⅝ x ⅞	1
VD491	.0008 / .0008	1600	5/16 x ⅝ x 1 1/16	2
VO480	.5	120	7/16 x ¾ x 2⅛	3

*H—Height; W—Width; L—Length.

Miniature Metal Tubular Capacitors

APPLICATION—For hearing aid, personal radio, and other uses where very small size tubulars are desirable.

DESCRIPTION—Oil impregnated tubular capacitor in minute hermetically sealed metal tubes with insulating sleeve.

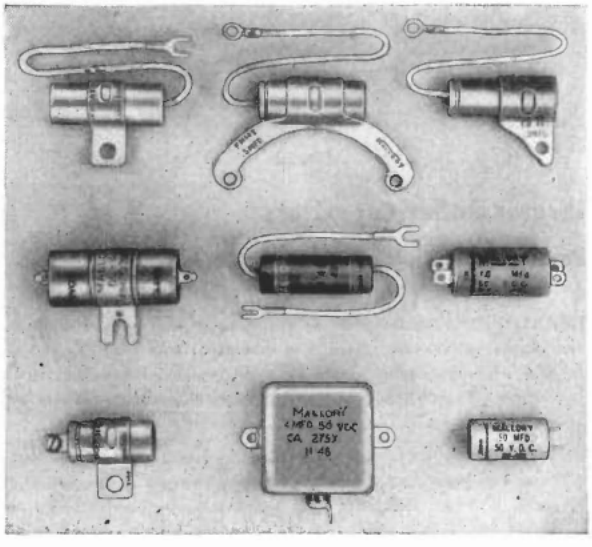
TERMINALS—Two bare tinned copper leads, one at each end.

MOUNTING—By means of its own leads.

PACKAGING—Ten to a display carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size Dia. Length
MT105	.001	100	9/32 x ½
MT107	.002	100	9/32 x ½
MT115	.005	100	9/32 x ½
MT125	.01	100	21/64 x ½
MT127	.02	100	21/64 x 11/16
MT135	.05	100	21/64 x 1 1/16
MT145	.1	100	21/64 x 1¾
MT605	.001	600	9/32 x 13/16
MT607	.002	600	9/32 x 15/16
MT615	.005	600	9/32 x 15/16
MT625	.01	600	21/64 x 1 9/16

MALLORY AUTOMOTIVE NOISE SUPPRESSION CAPACITORS



Automotive Noise Suppression Capacitors

APPLICATION—For suppressing radio interference emanating from auto generators, oil gauges, ammeters, and other automotive, aircraft, or marine equipment.

AM—For ammeter and gauge suppression.

FM—For Ford generator suppression.

DL—For domelight suppression.

RF—For vibrator hash suppression.

CA—For general suppression in aircraft and marine application.

DESCRIPTION—Wax impregnated cartridges assembled in various style housings, as pictured. Type AG is round type with flexible lead, well protected from moisture, but not hermetically sealed. Type AS is hermetically sealed, provides low impedance, and is ideal for extreme climatic conditions.

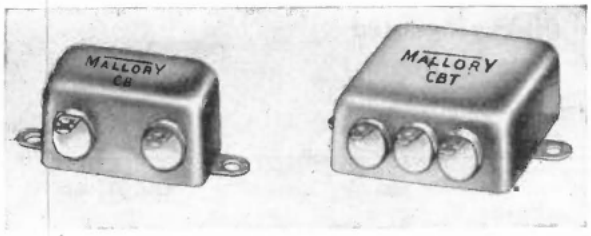
TERMINALS—Various, as pictured.

MOUNTING—Types AM 454 and RF 481 are held in place by the connecting wires or with TH clips. All others have own self-contained mounting features.

PACKAGING—Individual display cartons.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size Dia. Length
AG442*	.05	100	⅜ x 1¼
AG443	.05	100	7/16 x 1 3/16
AG444	.25	200	⅝ x 1¾
AG450	.5-.5	100	⅞ x 2
AG451	.5	200	¾ x 2
AG452	1.0	200	1 x 2 3/16
AG453†	.5	200	¾ x 2
AS125	.01	100	.675 x 15/16
AS145	.1	100	.675 x 1⅜
AS165	.25	100	¾ x 1½
AS185	.5	100	1 x 1⅝
AS525	.01	500 AC-DC	.675 x 1
AS545	.1	500 AC-DC	1 x 1½
AS565	.25	500 AC-DC	1 x 2½
AM454	.5	200	11/16 x 2
FM441	.5	100	.675 x 1⅞
FM442	.5	160	.675 x 1⅞
DL445	.4	200	1 x 2⅜
RF480	.5	100	13/16 x 1 5/16
RF481	.5	50	¾ x 1⅜
RF482	1.0	50	15/16 x 1⅝
CA275X	4.0	50	2 x 2 x 1

*For Midget Aircraft Motors
†Has shielded lead



Steel Cased Oil Filled Capacitors

APPLICATION—For general use in aircraft, marine, geophysical and industrial electronic equipment where extreme dependability under severe conditions is desired.

DESCRIPTION—Oil impregnated single, dual, and triple section units housed in rugged, hermetically sealed, hot-tinned steel cases.

TERMINALS—Single section has two terminals. Dual section units have three terminals with left terminal common, and both are internally insulated from case. Triple units have three terminals with common grounded to case. All terminals protrude in a row on one long side of case.

MOUNTING—By means of flanges at each end.

PACKAGING—Individual display carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size* W L H X
CB403	.25	400	⅞ x 1¾ x ¾ x 2⅛
CB404	.5	400	1 x 1¾ x ⅞ x 2⅛
CB405	1.0	400	1¾ x 2 x ¾ x 2⅜
CB406	2.0	400	2 x 2 x 1⅛ x 2⅜
CB602	.1	600	⅞ x 1¾ x ¾ x 2⅛
CB603	.25	600	1 x 1¾ x ¾ x 2⅛
CB604	.5	600	1¼ x 1¾ x ⅞ x 2⅛
CB605	1.0	600	1¾ x 2 x ⅞ x 2⅜
CB1002	.1	1000	⅞ x 1¾ x ¾ x 2⅛
CB1003	.25	1000	1¼ x 1¾ x ¾ x 2⅛
CB1004	.5	1000	1¾ x 2 x ⅞ x 2⅜
CBD403	.25-.25	400	1¼ x 1¾ x ¾ x 2⅛
CBD404	.5-.5	400	1¾ x 2 x ¾ x 2⅜
CBD602	.1-.1	600	⅞ x 1¾ x ¾ x 2⅛
CBT403	3X .25	400	1¾ x 2 x ¾ x 2⅜
CBT404	3X .5	400	1¾ x 2 x 1 x 2⅜
CBT602	3X .1	600	1 x 1¾ x ⅞ x 2⅛

*W—Width; L—Length; H—Height; X—Mounting Centers.

Uncased Wax Capacitors

APPLICATION—Designed for replacement of defective sections in large paper capacitor blocks or other applications where sealing pitch is applied for final seal.

DESCRIPTION—Wax impregnated section wrapped in varnish paper for moisture protection until finally potted when installed.

TERMINALS—Two flexible insulated leads out one end.

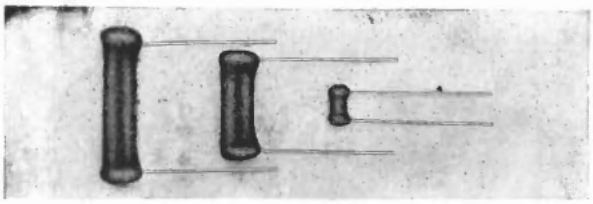
MOUNTING—Held in place by pouring with hot pitch.

PACKAGING—Individual display carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size* W L H
UB351	1	200	½ x 1⅜ x 2⅛
UB352	2	200	¾ x 1 9/16 x 2⅛
UB353	4	200	1 1/16 x 2 1/16 x 2⅛
UB354	1	400	9/16 x 1 9/16 x 2⅛
UB355	2	400	1 x 1¾ x 2⅛
UB356	4	400	15/16 x 1⅝ x 4⅜
UB357	.5	600	½ x 1⅜ x 2⅛
UB358	1	600	⅞ x 1 9/16 x 2⅛
UB359	2	600	1⅛ x 2 1/16 x 2⅛
UB364	4	600	1 1/16 x 1⅞ x 4¼
UB362	1	1000	⅝ x 1 9/16 x 4⅜
UB363	2	1000	1⅛ x 1⅞ x 4⅜

*W—Width; L—Length; H—Height.

MALLORY CERAMIC CAPACITORS



Ceramic Capacitors

APPLICATION—The small size and rugged construction of these capacitors make them ideal for by-passing, coupling, and other AM and FM-TV applications. The general purpose types "UC" may be used in all receiver applications except frequency determining circuits. They are particularly suitable for general replacement of molded mica and paper tubular capacitors. The zero temperature coefficient types "ZT" are ideally suited for use in precision radio and electronic circuits where a truly stable capacitor unaffected by temperature change is required. Negative temperature coefficient types "NT" are designed for use in precision radio and electronic circuits requiring a negative temperature coefficient of capacity.

DESCRIPTION—All Mallory ceramic capacitors are of low-loss ceramic construction, having a dipped phenolic coating for maximum protection from moisture. Their small physical size makes them ideal for replacement purposes when space is at a premium. Type "ZT," while similar in construction to the general purpose types "UC" have the important additional characteristic that their nominal capacity rating is substantially unaffected by a change in temperature of from —55°C through 85°C.

Type "NT" have a negative temperature coefficient of capacity of 750 parts/million/°C. temperature change. As a matter of convenience, they are rated in micro-microfarads at a temperature of 25°C. A rise in ambient temperature above 25°C will result in a proportional decrease of rated capacity. With lowering of temperature an automatic increase of capacity will be observed. In practical applications these capacitors should be mounted adjacent to the circuit components which require capacity compensation.

TERMINALS—One radial bare tinned copper lead 1¼" long at each end.

MOUNTING—By means of their wire leads.

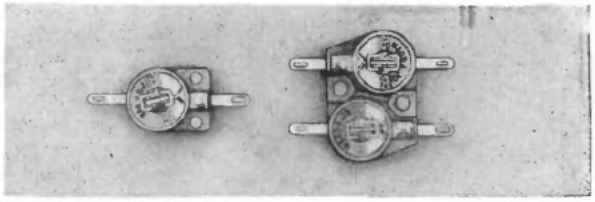
PACKAGING—Five capacitors per display carton.

Voltage Rating—500 V DC

Capacity (mmfd)	General Purpose ±20% Tolerance		Zero Temperature Coefficient ±10% Tolerance		Negative Temperature Coefficient 750 Parts/Million/°C ±10% Tolerance	
	Cat. No.	Size*	Cat. No.	Size*	Cat. No.	Size*
3			ZT-553	1		
5			ZT-555	1	NT-555	1
10	UC-541	1	ZT-541	1	NT-541	1
15	UC-5415	1				
20			ZT-542	1		
25	UC-5425	1	ZT-5425	2		
33			ZT-5433	2		
47					NT-5447	2
50	UC-545	1	ZT-545	3		
75	UC-5475	1	ZT-5475	3	NT-5475	2
100	UC-531	1	ZT-531	3	NT-531	2
150	UC-5315	1				
200	UC-532	1				
250	UC-5325	1				
300	UC-533	1				
500	UC-535	1				
750	UC-5375	1				
1000	UC-521	2				
1500	UC-5215	2				
2000	UC-522	3				
2500	UC-5225	3				
3000	UC-523	3				
5000	UC-525	3				

*SIZE CHART

Sizes	Diameter	Length
1	.240"	.460"
2	.240"	.710"
3	.315"	1.250"



Ceramic Trimmer Capacitors

APPLICATION—Their small size and stable electrical characteristics make these capacitors ideal for use in high frequency FM-TV circuits.

DESCRIPTION—Each capacitor consists of fired silver electrodes on a ceramic rotor and base. They have a 360° rotor with a substantially constant capacity change and are completely sealed from dust and dirt. Single or dual units are available.

TERMINALS—Solder lug type at each end of capacitor.

MOUNTING—Two clearance holes are provided in each capacitor for screw mounting.

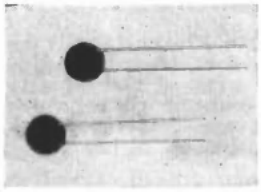
PACKAGING—One capacitor per display carton.

Single Units—Overall size 21/32" x 27/32" x ⅜" thick.
Voltage Rating—500 VDC

Catalog No.	Capacity Range (mmfd)	Temperature Coefficient
ST-5515-Z	1.5 to 7	Zero
ST-553-Z	3 to 12	Zero
ST-554-N	4 to 30	Neg. 500 Parts/Million/°C.
ST-557-N	7 to 45	Neg. 500 Parts/Million/°C.

Dual Units—Overall size 1 19/64" x ⅞" x ⅜" thick.
Voltage Rating—500 VDC

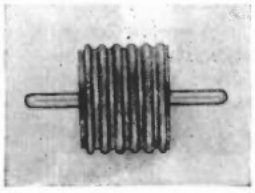
Catalog No.	Capacity Range Each Section (mmfd)	Temperature Coefficient
DT-5515-Z	1.5 to 7	Zero
DT-553-Z	3 to 12	Zero
DT-554-N	4 to 30	Neg. 500 Parts/Million/°C.
DT-557-N	7 to 45	Neg. 500 Parts/Million/°C.



Disk Ceramic Capacitors

Because of their small physical size, rugged construction, and excellent electrical characteristics these unique capacitors are particularly suitable for replacement of molded mica and paper tubular units. They have a dipped phenolic coating for maximum protection from moisture. Equipped with radial bare tinned copper wire leads they are easily and quickly mounted. Ten capacitors are packaged in each display carton.

Catalog Number	Capacity (mfd)	DC Working Volts	Size Dia. Thickness	Length of Leads
DC-525	.005	500	19/32 x ⅛	1¾"
DC-511	.01	500	¾ x ⅛	2"



High Voltage Ceramic Capacitors

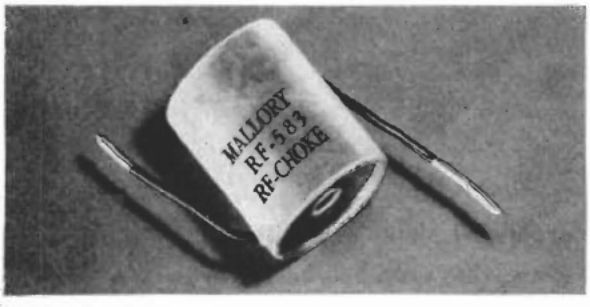
With a rating of 500 micro-microfarads at 15,000 volts, this capacitor may be used as an exact replacement in the high voltage power circuit in many TV sets. A rigid case and built-in corona shield give an added safety factor. The capacitor is supplied with No. 6 copper terminals ½" long. Interconnecting leads may be soldered or clipped to these terminals without damage to the capacitor. Overall dimensions are 1⅛" diameter by ⅞" long excluding terminals. Each capacitor is packaged in an individual display carton.

Catalog number HV-15035.

Mallory Page 11 (See Mallory Page 2 for List Prices)

(See Pages P-25 and P-26 for Mallory List Prices)

MALLORY CHOKE COILS AND NOISE FILTERS



Radio Frequency Choke Coils

APPLICATION—General purpose radio frequency choke coils for all circuits.

DESCRIPTION—Hour-glass wound for low distributed capacity and housed in compact insulating tubes.

TERMINALS—Two bare tinned copper wire leads, one at each end.

MOUNTING—By means of its leads or with TH clips, as described on hardware page. Also may be mounted by means of a stud through a hole provided through the core of the choke coil.

PACKAGING—Individual display carton.

Mallory Cat. No.	Turns	Wire	Inductance Microhenries	Size Dia.	Size Length
RF581	90	16	430	1 x	1½
RF582	55	16	260	1 x	1 3/16
RF583	55	12	25-30	1 5/16 x	1⅝

Motor Brush Noise Filters (Type W)

APPLICATION—Type W filters, while primarily designed for installation on motor brushes, may be used wherever a permanently installed dual capacity filter is desired. Where un-grounded motor frames or appliance cases are involved, type WSP is recommended for elimination of possible shock hazard.

DESCRIPTION—Dual wax impregnated capacitors housed in sealed metal tubes and specially designed to have low RF impedance. Case is grounded to common terminal of the included sections except in SP type where a shock limiting capacitor is employed between the common lead and case.

TERMINALS—Two flexible covered leads, case common ground.

MOUNTING—By means of attached tangential strap.

PACKAGING—Individual display cartons.

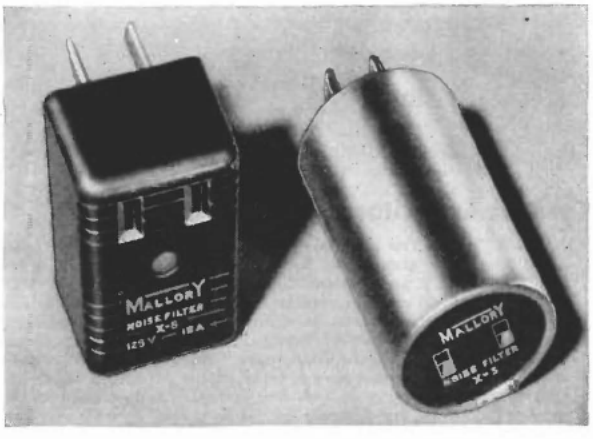
Type W7—115-220 Volts AC-DC for Light Interference
Size ⅞" x 2"

Type W9—115-220 Volts AC-DC for Medium Interference
Size 1" x 3"

Type W11—115-220 Volts AC-DC for Severe Interference
Size 1⅜" x 3"

Type W7SP—115-220 Volts AC-DC for Light Interference
Size ⅞" x 2"

Type W9SP—115-220 Volts AC-DC for Medium Interference
Size 1" x 3"



Appliance Noise Filters (Type X)

APPLICATION—For use with plug-in type appliances where straight capacity type filters are sufficient to produce desired noise suppression.

DESCRIPTION—Single and dual type capacitor filters in round metal housings designed for insertion between appliance cord and wall outlet. X-6 is furnished in attractive compact brown plastic case.

TERMINALS—Male prongs for insertion into wall outlet and slots for appliance plug.

MOUNTING—Self-supporting by its prongs.

PACKAGING—Individual display carton.

Type X1 is for relatively slight interference. Size 1⅜" x 1¾", rated 110 volts, 5 amperes.

Type X3 is a capacitor type filter having greater efficiency than Type X1. Size 1⅜" x 2¼", rated 110-220 volts, 5 amperes.

Type X5 is a triple capacity filter with provision for return lead to appliance. Special safety feature prevents possibility of shock and makes this unit ideal for use with vacuum cleaners, food mixers, etc. Size 1⅜" x 2⅛", rated 110-220 volts, 5 amperes, and equipped with binding post for connection to appliance or motor frame.

Type X6 for medium interference. Furnished in an attractive, compact, rectangular brown plastic case. Size 1¼" x 2 1/16" x 1". Rated at 110 volts AC-DC, 5 amperes.

Type X6D same as X6 except packaged on an attractive counter display card, six to a card.

IMPORTANT
General Noise Elimination Information

● All radio noise suppression devices should be applied at the source of the noise. Filters inserted in radio receiver cords are usually ineffective.

The filters described herein are, therefore, designed for insertion at the offending device. They incorporate many improvements accomplished through the extensive research and war production experience of the P. R. Mallory Company. While there will be some exceptions, most of the types of interference found in the home can be effectively reduced by the Mallory filters described. Unusual cases should be referred to the Mallory Engineering Department for advice.

Each filter is supplied with a complete instruction sheet for proper installation.

MALLORY NOISE SUPPRESSION FILTERS

Appliance Noise Filters (Type Z)

APPLICATION—For use with plug-in type appliances where inductance-capacity continuation filters are necessary to accomplish desired noise suppression.

DESCRIPTION—Single and dual inductance-capacity filters housed in round metal containers designed for insertion between appliance cord and wall outlet.

TERMINALS—Male prongs and female receptacles. Types Z4, 6 and 8 have extra provision for return lead to ground or appliance frame.

MOUNTING—Self-supported by its prongs.

PACKAGING—Individual display carton.

Type Z2 is a capacitor-inductance filter for medium interference. Use with electric razor or small appliances. Most effective on grounded line systems where reversal of plugs will affect operation. Size 1⅜" x 2¾", rated 110-220 volts, 3 amperes.

Type Z4 is a dual inductance-capacity filter for severe interference on appliances where a return lead from the filter is inconvenient. Ideal for electric razor, vibrators and household appliances. Size 1⅜" x 3", rated 110-220 volts, 3 amperes.

Type Z6 is a dual inductance-capacity filter with provision for return lead to ground. Recommended for suppressing severe interference. Size 1⅛" x 3⅜". Rated 110-220 volts, 3 amperes.

Type Z8 is same as Z6 but with provision for return wire connection to motor or appliance frame rather than ground. An efficient filter equivalent to box type within 3 ampere rating.

Heavy-Duty Appliance Noise Filters (Type LC)

APPLICATION—For portable plug-in applications where severe interference is involved and ampere rating exceeds that of type Z.

DESCRIPTION—Combination inductance-capacity filter housed in rectangular metal case.

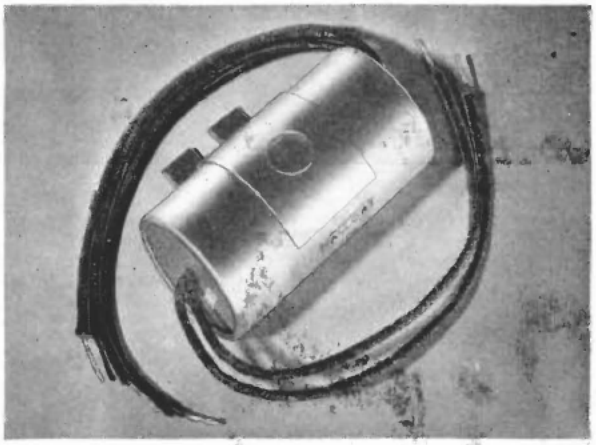
TERMINALS—Ample line cord with male plug for insertion in wall outlet. Female receptacle for appliance cord plug. Binding post for return wire lead to appliance or motor frame.

MOUNTING—Two metal flanges (when permanent mounting is desired).

PACKAGING—Individual carton.

Type LC5 rated 115-220 volts AC-DC, 5 amperes.

Type LC10 rated 115-220 volts AC-DC, 10 amperes.



Fluorescent Lighting Noise Filter

APPLICATION—Specially designed for fluorescent lights where permanent installation on or in the light fixture is desired.

DESCRIPTION—Dual inductance-capacity filter housed in round metal tubes. Contains shock limiting capacitor.

TERMINALS—Flexible covered wire leads, two at one end for input—three at other end for output of which the red lead is for grounding to light frame.

MOUNTING—By means of attached tangential strap.

PACKAGING—Individual display carton.

Type Z8A, 115-220 volts, AC-DC, 3 amperes. For fluorescent lights

Heavy-Duty Appliance Noise Filters (Type LB)

APPLICATION—For permanent installation wherever heavy-duty filters are required, such as outdoor signs, large motors, or at meter board.

DESCRIPTION—Heavy-duty choke-capacity combination filters sealed in rectangular case and housed in standard heavy gauge metal cut-out boxes.

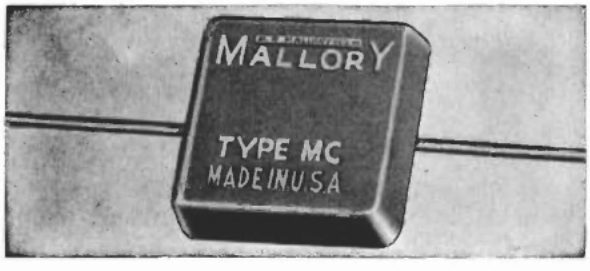
TERMINALS—Heavy, flexible insulated wire leads for splicing with house or motor wiring.

MOUNTING—Mounts by means of screws through bottom of cut-out box.

PACKAGING—Individual carton.

Type	Rating	Size
LB-10	220V-10 Amp.	6" x 6" x 4"
LB-20	220V-20 Amp.	10" x 10" x 6"
LB-40	220V-40 Amp.	12" x 10" x 6"

MALLORY MICA CAPACITORS



Mica Receiver Capacitors

APPLICATION—Designed primarily for radio receiving applications, they may be used in television and other electronic circuits within their voltage range.

DESCRIPTION—Made with carefully selected mica and foil and housed in high quality compact rectangular bakelite case with standard RMA color coding for identification.

TERMINALS—Bare tinned copper leads.

MOUNTING—By means of its leads.

PACKAGING—5 or 10 capacitors per display carton only.

Case Size—7/16" x 25/32" x 7/32" with 1 1/8" Wire Leads
Voltage Rating = 500 VDC Working—1000 VDC Test

Capacity Mfd.	Standard Mica ±20% Cap. Tolerance	Silver Mica ±10% Cap. Tolerance	Silver Mica ±2% Cap. Tolerance
	Mallory Cat. No.	Mallory Cat. No.	Mallory Cat. No.
.000005	MC205	MCB205	
.00001	MC215	MCB215	MCE215
.000025	MC220	MCB220	MCE220
.00004	MC223	MCB223	MCE223
.00005	MC225	MCB225	MCE225
.000075	MC230	MCB230	MCE230
.0001	MC235	MCB235	MCE235
.00015	MC236	MCB236	MCE236
.0002	MC237	MCB237	MCE237
.00025	MC240	MCB240	MCE240
.0003	MC241	MCB241	MCE241
.0004	MC243	MCB243	MCE243
.0005	MC245	MCB245	MCE245
.0008	MC251	MCB251	MCE251
.001	MC255	MCB255	MCE255
.0015	MC256		

DON'T MISS THE MALLORY CONTROL DEALS

Turn to Page 3, Mallory Controls, for full information.

Case Size—13/16" x 13/16" x 5/16" with 1 1/8" Wire Leads
Voltage Rating = 500 VDC Working—1000 VDC Test

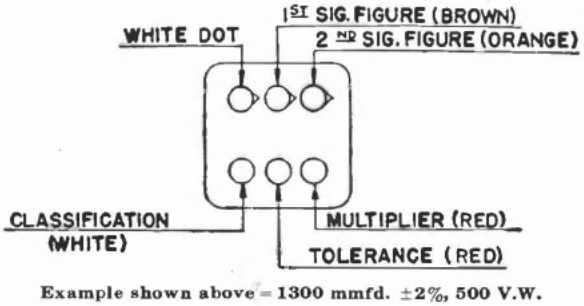
Capacity Mfd.	Standard Mica ±20% Cap. Tolerance	Silver Mica ±10% Cap. Tolerance	Silver Mica ±2% Cap. Tolerance
	Mallory Cat. No.	Mallory Cat. No.	Mallory Cat. No.
.0005	MC445	MCB445	MCE445
.0008	MC451	MCB451	MCE451
.001		MCB455	MCE455
.0015	MC456	MCB456	MCE456
.002	MC457	MCB457	MCE457
.0025	MC460	MCB460	MCE460
.003	MC461	MCB461	MCE461
.004	MC463	MCB463	MCE463
.005	MC465	MCB465	MCE465
.006	MC467	MCB467	MCE467
.007	MC469	MCB469	MCE469
.008	MC471	MCB471	MCE471
.01	MC475	MCB475	MCE475

New RMA Color Code

● The new RMA color code, shown below, permits positive identification of the mica capacitors listed.

Reading across the top from left to right with the arrow pointing to the right, the first dot shall always be white to indicate standard RMA molded mica capacitor. The second and third dots become the first two significant figures in the capacitance. The second row is read from right to left. The lower right dot should be the multiplier. The lower second dot indicates the tolerance and the lower left dot indicates the class.

The key to color significance is as follows:



Example shown above = 1300 mmfd. ±2%, 500 V.W.

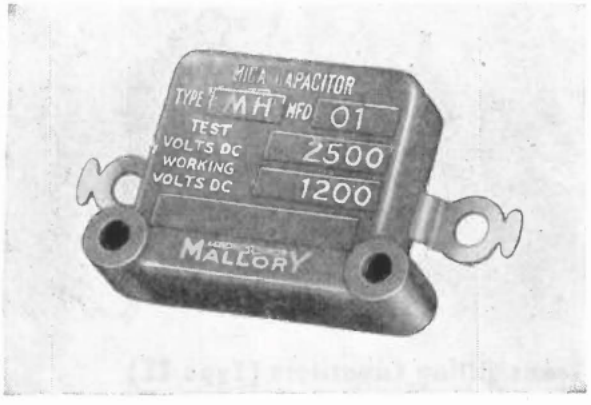
Note: When any Mallory mica capacitor has a white dot in the upper left hand corner (when the arrows point to the right) that capacitor is coded under the **new** RMA color code, as shown above. Any other color in the upper left hand corner indicates the **old** color code, which may be found in Catalogue No. 467-A.

Color	Sig. Fig.	Mult.	Tol.	Class.*
Black	0	1	±20%	A
Brown	1	10		B
Red	2	100	± 2%	C
Orange	3	1000	± 3%	D
Yellow	4	10000		
Green	5		± 5%	
Blue	6			
Violet	7			
Gray	8			I
White	9			J
Gold		0.1		
Silver		0.01	± 10%	

*Denotes various electrical characteristics.

Voltage ratings vary with capacitance as shown in RMA Specification—April, 1946.

MALLORY MICA CAPACITORS



Mica Transmitting Capacitors (Type MH)

APPLICATION—For use in transmitting and power amplifier circuits where voltage exceeds the 500-volt rating of type MC.

DESCRIPTION—Made with accurately gauged high-quality India mica in bakelite molded case providing insulated mounting. Capacity tolerance ±20%. Only size variation for various ratings is the thickness as shown in the chart.

TERMINALS—Short, heavy tinned copper solder lugs for minimum RF and contact resistance.

MOUNTING—Insulated mounting by means of screws through holes molded in case.

PACKAGING—Individual display carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Test Volts DC	Thickness
MH535	.0001	600	1000	23/64
MH635	.0001	1200	2500	23/64
MH735	.0001	2500	5000	23/64
MH545	.0005	600	1000	23/64
MH645	.0005	1200	2500	23/64
MH745	.0005	2500	5000	23/64
MH555	.001	600	1000	23/64
MH655	.001	1200	2500	23/64
MH755	.001	2500	5000	23/64
MH557	.002	600	1000	23/64
MH657	.002	1200	2500	23/64
MH757	.002	2500	5000	23/64
MH565	.005	600	1000	23/64
MH665	.005	1200	2500	29/64
MH765	.005	2500	5000	29/64
MH575	.01	600	1000	23/64
MH675	.01	1200	2500	29/64
MH577	.02	600	1000	29/64

MALLORY

RADIO SERVICE ENCYCLOPEDIA

552 pages of replacement information for all pre-war and post-war receivers

Mica Transmitting Capacitors (Type MX)

APPLICATION—Ideal for amateur transmitting equipment. They may also be used in coupling, tank, and bypass circuits at radio frequencies within their rating. (Note that the maximum amperes for several radio frequencies are given in the chart. The operating current should be kept within these limits.)

DESCRIPTION—Heavy-duty mica construction, supplied in attractive rectangular porcelain cases.

TERMINALS—Two screw type with complete washer and nut assembly.

MOUNTING—Two flanges with ample holes for machine screw mounting.

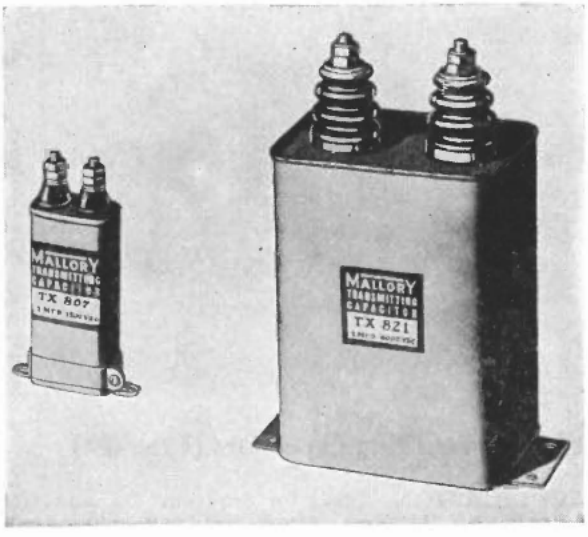
PACKAGING—Individual display carton.

Mallory Cat. No.	Cap. Mfd.	Test Volts DC	Max. Amps.	Freq. KC.
MX855	.001	12,500	9.0	15000
			10.0	7500
			11.0	3750
			12.0	1875
MX857	.002	12,500	9.0	15000
			12.0	7500
			13.0	3750
			15.0	1875
MX865	.005	10,000	10.0	15000
			13.0	7500
			14.0	3750
			15.0	1875
MX875	.01	7,000	10.0	15000
			13.0	7500
			15.0	3750
			15.0	1875
MX877	.02	3,500	10.0	15000
			13.0	7500
			17.0	3750
			17.0	1875
MX885	.05	3,500	11.0	15000
			14.0	7500
			16.0	3750
			18.0	1875
MX895	.1	2,000	11.0	15000
			14.0	7500
			16.0	3750
			18.0	1875

Mallory Page 15 (See Mallory Page 2 for List Prices)

(See Pages P-25 and P-26 for Mallory List Prices)

MALLORY OIL FILLED AND IMPREGNATED CAPACITORS



Transmitting Capacitors (Type TX)

APPLICATION—For radio, television, transmitting, and all circuits requiring high voltage capacitors.

DESCRIPTION—Compact rectangular oil filled capacitors of sturdy construction.

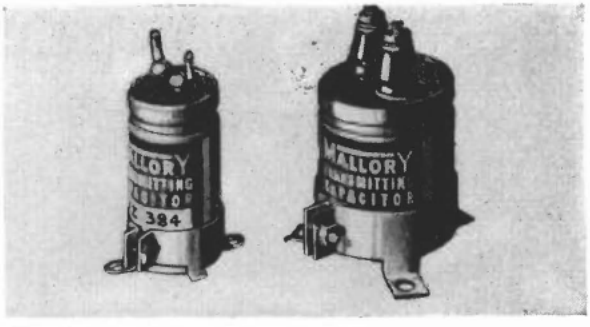
TERMINALS—Suitable standoff insulated terminals at one end to safely cover maximum voltage rating of each unit.

MOUNTING—Base dimensions less than 3½ x 5⅛, by rectangular clamp providing either upright or inverted position. Base sizes of 3½ x 5⅛ and above, by permanent flanges at the unit base.

PACKAGING—Individual carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size* W L H
TX801	1	600	1 x 1¾ x 2⅛
TX802	2	600	1 x 1¾ x 2⅝
TX803	4	600	1 x 1¾ x 4¼
TX816	6	600	1 3/16 x 2½ x 4⅝
TX817	10	600	1¼ x 3¾ x 4⅝
TX822	.5	1000	1 x 1¾ x 2⅛
TX804	1	1000	1 x 1¾ x 2⅝
TX805	2	1000	1 x 1¾ x 3⅞
TX806	4	1000	1 3/16 x 2½ x 4⅝
TX824	6	1000	1¼ x 3¾ x 4⅝
TX825	10	1000	1¾ x 3¾ x 4⅝
TX807	1	1500	1 x 1¾ x 4¼
TX808	2	1500	1 3/16 x 2½ x 4⅝
TX809	4	1500	1½ x 3¾ x 4⅝
TX829	6	1500	1¾ x 3¾ x 4⅝
TX830	10	1500	3 3/16 x 3¾ x 4⅝
TX831	.25	2000	1 x 1¾ x 2⅛
TX832	.5	2000	1 x 1¾ x 2⅞
TX810	1	2000	1 3/16 x 2½ x 3⅜
TX811	2	2000	1¼ x 3¾ x 4¼
TX823	4	2000	2¼ x 3¾ x 4¾
TX833	6	2000	3 3/16 x 3¾ x 4⅝
TX834	10	2000	4 9/16 x 3¾ x 4⅝
TX812	1	2500	1¾ x 3¾ x 3¼
TX813	2	2500	1¾ x 3¾ x 4¾
TX835	.1	3000	1 3/16 x 2½ x 2⅜
TX836	.25	3000	1 3/16 x 2½ x 3⅜
TX837	.5	3000	1 13/16 x 2½ x 4⅝
TX814	1	3000	1¾ x 3¾ x 4⅝
TX815	2	3000	3 3/16 x 3¾ x 4⅝
TX838	4	3000	4 9/16 x 3¾ x 5½
TX839	1	4000	2¼ x 3¾ x 4¾
TX827	2	4000	4 9/16 x 3¾ x 4¾
TX828	4	4000	8⅛ x 5⅛ x 3½
TX818	1	5000	5⅛ x 3½ x 5⅝
TX819	2	5000	5⅛ x 3½ x 9
TX820	.5	6000	4⅜ x 5⅛ x 3½
TX821	1	6000	4 9/16 x 3⅜ x 8

*W—Width; L—Length; H—Height.



Transmitting Capacitors (Type TZ)

APPLICATION—For filter and bypass circuits in power amplifiers, television and transmitting equipment where compact round can units are desired.

DESCRIPTION—Oil impregnated type capacitor furnished in round containers for upright or inverted mounting. All units internally insulated from case.

TERMINALS—The 1⅜" diameter units have two solder lug terminals with ample insulation for the voltage ratings involved. The 2" diameter units have special standoff insulated terminals.

MOUNTING—Supplied with type VR bracket for inverted or upright mounting.

PACKAGING—Individual carton.

Mallory Cat. No.	Cap. Mfd.	Working Volts DC	Size Dia. Height
TZ382	2.0	600	1⅜ x 3⅛
TZ383	4.0	600	1⅜ x 4⅛
TZ384	1.0	1000	1⅜ x 2⅝
TZ385	2.0	1000	1⅜ x 4⅛
TZ389	4.0	1000	2 x 4
TZ386	.5	1500	1⅜ x 3⅛
TZ387	1.0	1500	1⅜ x 4⅝
TZ388	2.0	1500	2 x 4
TZ390	1.0	2000	2 x 3¼
TZ391	2.0	2000	2 x 4½

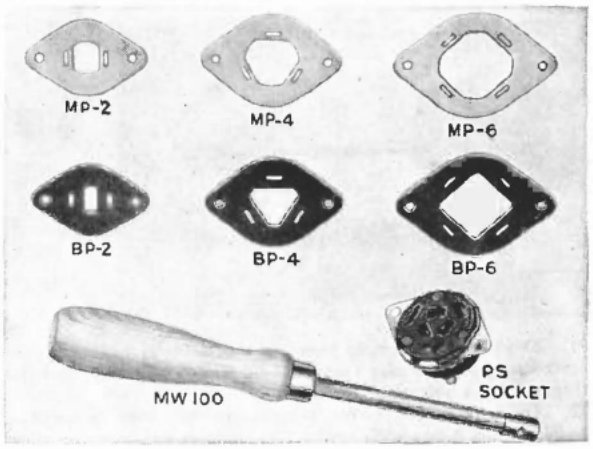
MALLORY TECHNICAL MANUAL

● This simply written, practical book bridges the gap between radio theory and practice. Designed for the radio serviceman, engineer, amateur or experimenter who wants the latest technical information . . . presented so that he can easily apply it to everyday problems. Contains page after page of information profusely illustrated. It's worth far more than its price.

MALLORY CAPACITOR HARDWARE

Type "MSU" Hardware

Mallory Cat. No.	Description	Size
115-1	Top Cap	1⅜
116-1	Top Cap	2
118-1	Bottom Cap	1⅜
119-1	Bottom Cap	2
121-1	Bracket	1⅜ x 3¼
122-1	Bracket	1⅜ x 4¼
123-1	Bracket	2 x 3⅛
124-1	Bracket	2 x 4⅛



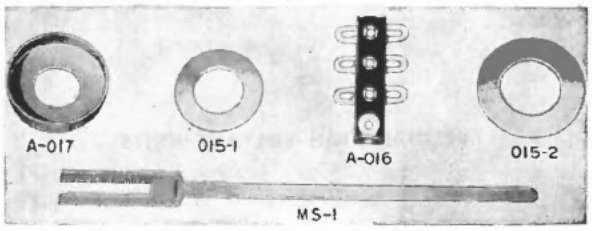
Type MP—Metal plates for grounded mounting of FP and WP capacitors.

Type BP—Bakelite plates for insulated mounting of FP and WP capacitors.

Type PS—Molded plastic sockets for plug-in mounting FP or WP capacitors. (Blank ear on capacitor should be removed to permit polarization with respect to socket.)

Type MW-100—Special wrench for twisting mounting ears on FP or WP capacitors.

Cat. No.	Description	Size
MP-2	Metal mounting wafer for FP	¾
MP-4	Metal mounting wafer for FP	1
MP-6	Metal mounting wafer for FP	1⅜
BP-2	Bakelite mounting wafer for FP	¾
BP-4	Bakelite mounting wafer for FP	1
BP-4A	Bakelite mounting wafer for FP (To mount 1" FP in chassis punched for 1⅜" wafer)	1
BP-6	Bakelite mounting wafer for FP	1⅜
PS-4	Plug-in socket for FP	1
PS-6	Plug-in socket for FP	1⅜
PSC-4	Retainer clamp for PS-4 socket	
MW-100	Mounting wrench for FP	



Type MS-1—Adjustable metal strap for horizontal mounting tubular types up to 1⅜" diameter.

Type A-016—Terminal connector or anchor strap for general use where required.

Type 015-1—Washer for RS type ⅝" neck when used in over-size chassis hole.

Type 015-2—Washer for use with RS, RM or HS units where chassis hole is too large for regular mounting. Use two washers, one above and one below chassis.

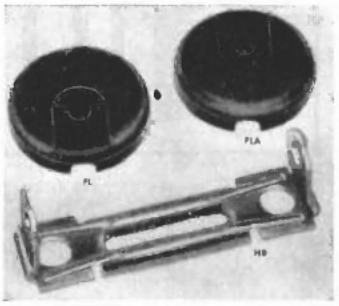
Type A-017—Special washer with turned-over edge for ring clamp mounting 1" RS type in 1⅜" ring clamp.

Cat. No.	Description	Size
015-1	Washer for ⅝" neck in ⅞" hole	Var.
015-2	Washer for ¾" neck in 1" hole	Var.
MS-1	Adjustable mounting strap	Var.
A-016	Terminal connector	Var.
A-017	Washer for clamp mounting neck cans	Var.

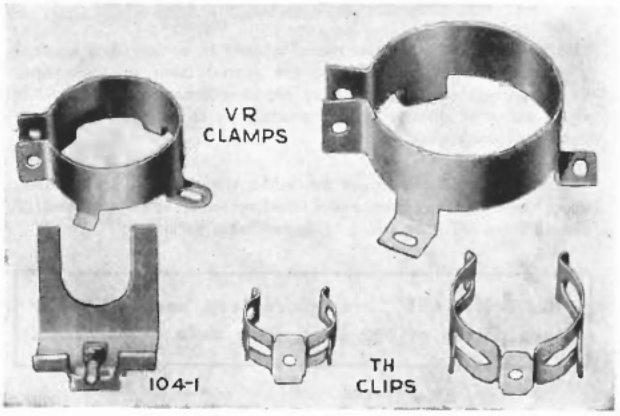
Type "P" Hardware

Types PL and PLA—Plastic end cap to protect terminals on HC or NP units when desired.

Type HB—Horizontal bracket for mounting HC and NP units. Using end cap type PL or PLA.



Cat. No.	Description		Size
PL-3	Plastic end cap	For "On Motor" mounting	1 7/16
PL-6	Plastic end cap		1 13/16
PL-8	Plastic end cap		2 1/16
PLA-3	Plastic end cap	For "Off Motor" mounting	1 7/16
PLA-6	Plastic end cap		1 13/16
PLA-8	Plastic end cap		2 1/16
HB-4	Horizontal bracket (plastic cases)		3⅜
HB-8	Horizontal bracket (plastic cases)		4⅜



Type TH—Special clips for horizontal mounting of any tubular or FP unit within the diameter range shown. Designed primarily to mount without tools under special chassis lances in original equipment, they may also be attached to chassis with 5-32 screw and nut in any ⅛" hole.

Type VR—Brackets for vertical mounting round units.

Type 104-1—Special bracket with spade bolt for mounting RS and RM units where spade bolt mounting was used.

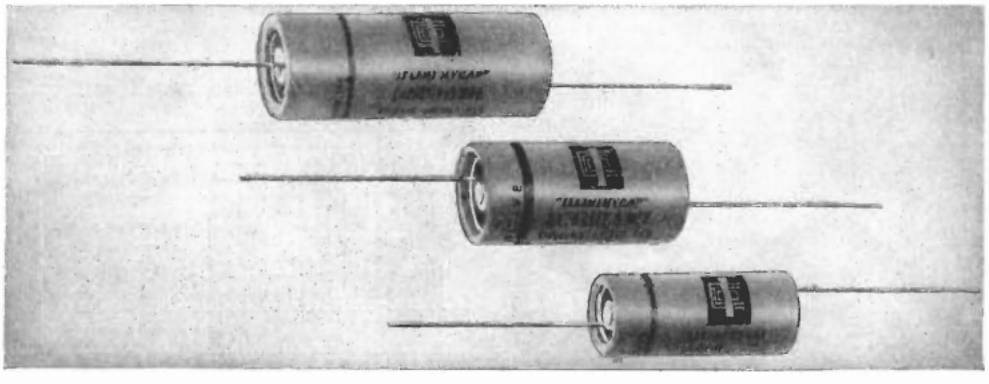
Cat. No.	Description	Size
TH-13	Spring clip for TC	⅜
TH-15	Spring clip for TC	½ to 9/16
TH-17	Spring clip for TC	⅝ to 11/16
TH-19	Spring clip for TC and FP	¾ to 13/16
TH-21	Spring clip for TC	⅞ to 15/16
TH-23	Spring clip for TC and FP	1 to 1 1/16
TH-25	Spring clip for TC and FP	1⅜ to 1 7/16
VR-1	Clamp for vertical mounting	1 to 1 1/16
VR-3	Clamp for vertical mounting	1⅜ to 1 7/16
VR-4	Clamp for vertical mounting	1½ to 1 9/16
VR-6	Clamp for vertical mounting	1¾ to 1 13/16
VR-8	Clamp for vertical mounting	2 to 2 1/16
VR-10	Clamp for vertical mounting	2½
104-1	Spade bolt mounting for neck type cans	Variable

OE and CE Insulating Sleeve

Cat. No.	Description	Size
OE-1	Open end FP insulating sleeve	¾ x 2
OE-3	Open end FP insulating sleeve	1 x 2
OE-4	Open end FP insulating sleeve	1 x 3
OE-5	Open end FP insulating sleeve	1⅜ x 2
OE-6	Open end FP insulating sleeve	1⅜ x 3
CE-1	Closed end FP insulating sleeve	¾ x 2
CE-3	Closed end FP insulating sleeve	1 x 2
CE-4	Closed end FP insulating sleeve	1 x 3
CE-5	Closed end FP insulating sleeve	1⅜ x 2
CE-6	Closed end FP insulating sleeve	1⅜ x 3

ILLINOIS CONDENSERS

TIME TESTED QUALITY



"ILLINI-HYCAPS" are now manufactured in a new and modern plant designed especially for the manufacture of capacitors. Our thorough engineering, plus old manufacturing skills and a rigid policy of quality control enables us to produce a product that is of unexcelled quality.

"ILLINI-HYCAPS" are again available, and you will agree after using them that they meet every requirement a superior condenser should have for long life and dependable service.

"ILLINI-HYCAPS" are guaranteed unconditionally for a period of one year, from date of purchase.

1. Short proof — ample separation of foils by highest purity cellulase separator plus tough anodic film — will withstand the highest surge voltages.
2. Condenser hermetically sealed and anchored in an aluminum shell. Completely resistant to changes due to temperature and humidity. Built to withstand all kinds of vibrations and shocks.
3. Attractive kraft tube spun over condenser ends . . . prevents shorting of pig tail leads to condenser or other components. Aluminum lock-washers hold leads securely in place, will not loosen or break off.
4. Low power factor, low leakage, excellent shelf life.
5. Extremely longer life — due to our use of C. P. chemicals and highest purity foils and insulation materials available. A balanced non-corrosive electrolyte contributes to quiet, stable operation.

TYPE IHT
TUBULAR ELECTROLYTIC CAPACITORS

HI-CAPACITY — LOW VOLTAGE UNITS

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
IHT 10010	100	10	11/16"	1 3/4"	$1.45
IHT 20010	200	10	13/16"	1 3/4"	1.65
IHT 40010	400	10	15/16"	2 3/8"	1.90
IHT 10006	1000	6	1 1/16"	2 1/4"	2.25
IHT 20006	2000	6	1 1/16"	2 7/8"	3.25
IHT 10012	1000	12	1 1/16"	2 7/8"	2.75

LOW VOLTAGE

IHT 550	5	50	11/16"	1 1/8"	.75
IHT 1025	10	25	11/16"	1 1/4"	.75
IHT 1050	10	50	11/16"	1 1/4"	.80
IHT 2525	25	25	11/16"	1 1/4"	.85
IHT 2590	25	90	11/16"	1 1/4"	.95
IHT 5050	50	50	11/16"	1 3/4"	1.05
IHT 10025	100	25	11/16"	1 3/4"	1.20
IHT 8100	8	100	1/2"	1 1/4"	1.00
IHT 16100	16	100	1/2"	1 3/4"	1.00
IHT 8150	8	150	11/16"	1 1/4"	.80
IHT 10150	10	150	11/16"	1 1/4"	.80
IHT 12150	12	150	11/16"	1 3/4"	.85
IHT 16150	16	150	11/16"	1 3/4"	.90
IHT 2015	20	150	11/16"	1 3/4"	.95
IHT 2415	24	150	11/16"	1 3/4"	.95
IHT 3015	30	150	13/16"	1 3/4"	1.00
IHT 4015	40	150	13/16"	1 3/4"	1.10
IHT 5015	50	150	13/16"	1 3/4"	1.20
IHT 7515	75	150	13/16"	2"	1.40
IHT 10015	100	150	13/16"	2 1/4"	1.70

INTERMEDIATE VOLTAGE UNITS

Designed for Long Life Service in Selenium Rectifier And Voltage-Doubling Circuits

IHT 40175	40	175	11/16"	1 3/4"	1.25
IHT 50175	50	175	11/16"	1 3/4"	1.55
IHT 60175	60	175	13/16"	2 7/8"	1.75
IHT 8250	8	250	11/16"	1 3/4"	.80
IHT 16250	16	250	13/16"	1 3/4"	1.10
IHT 30250	30	250	13/16"	2"	1.25
IHT 40250	40	250	13/16"	2 1/4"	1.45
IHT 80250	80	250	1 1/8"	2 1/4"	2.00

HIGH VOLTAGE

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
IHT 4450	4	450	11/16"	1 3/4"	$ .90
IHT 6450	6	450	13/16"	1 3/4"	.90
IHT 8450	8	450	13/16"	1 3/4"	.95
IHT 10450	10	450	15/16"	1 3/4"	1.05
IHT 1245	12	450	3/4"	2 1/4"	1.15
IHT 1645	16	450	3/4"	2 1/4'	1.35
IHT 2045	20	450	1 1/16"	2 1/4"	1.50
IHT 3045	30	450	1 1/16"	2 1/4"	1.65
IHT 4045	40	450	1 1/16"	2 3/4"	2.00
IHT 5045	50	450	1 1/16"	2 3/4"	2.35

SPECIAL HIGH VOLTAGE UNITS

IHT 8500	8	500	13/16"	1 7/8"	1.30
IHT 16500	16	500	1 1/16"	2 1/4"	2.00
IHT 20500	20	500	1 1/16"	2 1/4"	2.25
IHT 30500	30	500	1 1/16"	2 7/8"	2.50
IHT 40500	40	500	1 1/16"	2 7/8"	2.80

DUAL UNITS — ALUMINUM CANS — LOW VOLTAGE

IHT 2215M	20-20	150	13/16"	1 7/8"	1.30
IHT 3315M	30-30	150	13/16"	2 1/4"	1.50
IHT 4415M	40-40	150	13/16"	2 1/4"	1.70
IHT 5315M	50-30	150	13/16"	2 1/4"	1.75

DUAL UNITS — ALUMINUM CAN

IHT 8845M	8-8	450	1 1/16"	2 1/4"	1.75
IHT 121245M	12-12	450	1 1/16"	2 1/4"	1.90
IHT 16845M	16-8	450	1 1/16"	2 1/4"	2.10
IHT 161645M	16-16	450	1 1/16"	2 7/8"	2.25
IHT 2245M	20-20	450	1 1/16"	2 7/8"	2.40

ILLINOIS CONDENSERS

TIME TESTED QUALITY

Clamp Mounting Tubulars
"ILLINI-HYCAPS"

Through careful selection of high temperature sealing compounds and superior engineering design, these completely hermetically sealed, compact tubular electrolytic condensers are the acme of dependability. They operate efficiently under high temperatures and will give long life under all climatic conditions.

The small size and convenient mounting features of our Type IHC "ILLINI-HYCAPS" make them popular in both manufacturing and replacement work.

Leads are color-coded and securely anchored in the hard wax seal. Dual units have four leads for universal replacement work and are completely insulated.

Clamp may be moved to any position on tube for rapid mounting.

TYPE IHC

HIGH VOLTAGE — SINGLE UNITS

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
IHC 1245	12	450	7/8"	2 3/4"	$1.15
IHC 1645	16	450	13/16"	2 3/4"	1.35
IHC 2045	20	450	1"	2 3/4"	1.50
IHC 3045	30	450	1 1/8"	2 3/4"	1.65
IHC 4045	40	450	1 1/8"	2 3/4"	2.00
IHC 5045	50	450	1 1/8"	3 1/4"	2.30
IHC 6045	60	450	1 1/8"	3 1/4"	2.60
IHC 8045	80	450	1 3/16"	3 1/4"	2.95

HIGH SURGE — SINGLE UNITS

IHC 12500	12	500	13/16"	2 3/4"	1.95
IHC 16500	16	500	13/16"	2 3/4"	2.00
IHC 20500	20	500	1"	2 3/4"	2.25
IHC 30500	30	500	1"	3 1/4"	2.40
IHC 40500	40	500	1 1/8"	3 1/4"	2.65

HIGH VOLTAGE — MULTIPLE UNITS

IHC 8845	8-8	450 CN	1 1/8"	2 3/4"	1.70
IHC-D 8845	8-8	450 DN	1 1/8"	2 3/4"	2.10
IHC 101045	10-10	450 CN	1 1/8"	2 3/4"	1.85
IHC-D 101045	10-10	450 DN	1 1/8"	2 3/4"	2.20
IHC 16845	16-8	450 CN	1 1/8"	3"	2.00
IHC 161645	16-16	450 CN	1 3/16"	3"	2.30
IHC-D 161645	16-16	450 DN	1 3/16"	3 1/4"	3.15
IHC-D 22450	20-20	450 CN	1 3/16"	3 1/4"	3.70
IHC 33450	30-30	450 CN	1 1/4"	3 1/4"	3.95
IHC 44450	40-40	450 CN	1 3/8"	3 1/4"	4.10
IHC 801045	80-10	450	1 3/8"	3 1/4"	4.25
IHC 88845	8-8-8	450	1 3/4"	3"	2.75
IHC 11145	10-10-10	450	1 3/16"	3"	3.00
IHC 66645	16-16-16	450	1 1/4"	3 1/4"	3.40
IHC 22245	20-20-20	450	1 1/4"	3 1/4"	3.95
IHC 222245	20-20-20-20	450	1 3/8"	3 3/8"	4.50

LUG MOUNTING SEPARATE SECTIONS — DUAL NEGATIVES

ULM 2847	8-8	475 DN	1 3/8"	3 3/8"	3.30
ULM 21647	16-16	475 DN	1 3/8"	3 3/8"	4.05

LOW VOLTAGE — DUAL UNITS

Common Negative

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
IHC 1125	10-10	25	3/4"	1 3/4"	$1.05
IHC 1150	10-10	50	1"	1 3/4"	1.15
IHC 16815	16-8	150	1"	2"	1.20
IHC 161615	16-16	150	3/4"	2 1/8"	1.25
IHC 2215	20-20	150	3/4"	2 1/8"	1.30
IHC 2215-D	20-20*	150	13/16"	2 3/4"	1.70
IHC 3215	30-20	150	13/16"	2 3/4"	1.40
IHC 3315	30-30	150	13/16"	2 3/4"	1.50
IHC 4215	40-20	150	13/16"	2 3/4"	1.50
IHC 4415	40-40	150	13/16"	2 3/4"	1.70
IHC 5315	50-30	150	13/16"	2 3/4"	1.70
IHC 5515	50-50	150	1"	2 7/8"	1.85
IHC 6215	60-20	150	13/16"	2 3/4"	1.75
IHC 8415	80-40	150	1"	2 3/4"	2.00
IHC 8815	80-80	150	1 1/8"	2 3/4"	2.35
IHC 125100	125-100	150	1 1/4"	3 1/8"	2.55

* Separate Negative, 4 Leads.

TYPE IHC — MULTIPLE UNITS

IHC 2225	20-20/25	150/25	7/8"	2 3/8"	1.95
IHC 22215	20-20-20	150	1"	2 3/8"	2.10
IHC 44425	40-40/25	150/25	1"	2 7/8"	2.20
IHC 5525	50-50/25	150/25	1"	3"	2.25
IHC 53100	50-30/100	150/25	1"	3"	2.40
IHC 43215	40-30-20	150	1"	2 7/8"	2.05
IHC 84215	80-40-20	150	1 1/8"	2 7/8"	2.50
IHC 8225	80-20/25	150/25	1"	2 7/8"	2.45
IHC 12510025	125-100/25	150/25	1 1/4"	3"	2.75

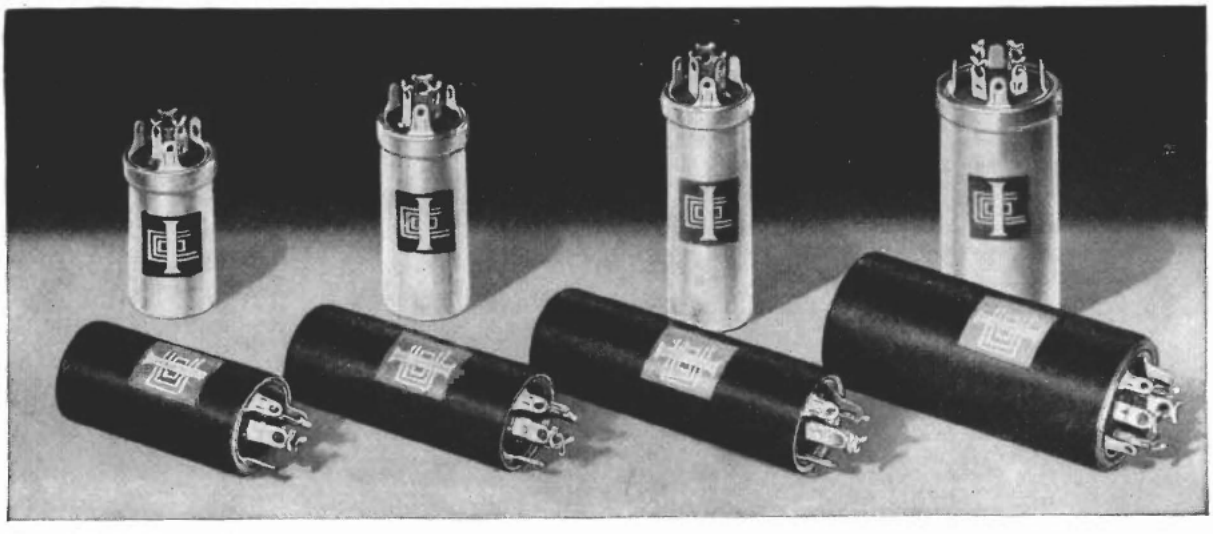
TYPE PE
PLUG-IN ELECTROLYTIC CAPACITORS

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
PE 4415	40-40	150	1 5/32"	2 1/2"	$3.90
PE 5315	50-30	150	1 5/32"	2 1/2"	3.90
PE 5520	50-50	150	1 5/32"	2 1/2"	4.45
	20	25			
PE 53100	50-30	150	1 5/32"	2 1/2"	4.50
	100	25			
PE 2045	20	450	1 5/32"	2 1/2"	3.50
PE 3045	30	450	1 5/32"	2 1/2"	
PE 4045	40	450	1 5/32"	3"	4.50
PE 8045	80	450	1 5/32"	3"	7.70
PE 1145	10-10	450	1 5/32"	3"	4.20
PE-D-1145	10-10*	450	1 5/32"	3"	4.50
PE 31045	10-10-10	450	1 5/32"	3"	5.00
PE 2245	20-20	450	1 5/32"	3"	5.30
PE 222452	20-20	450	1 5/32"	3"	5.90
	25	25			

* Dual Negative.

ILLINOIS CONDENSERS
TIME TESTED QUALITY

TYPE UMP



Illinois standard, twist prong mounting condensers offer a wider range of voltage and capacity types than have heretofore been possible in units of comparable size. They are designed to give maximum efficiency, both in operating characteristics and ease of mounting and wiring.

The electrical characteristics of our type UMP are superb. Capacities are always plus. This, coupled with low power factor and low leakage, makes them ideal for use in all electronic circuits.

Units are hermetically sealed in seamless drawn aluminum cans. Mounting and soldering lugs are sturdy and heavily tinned. Cathode tabs are electrically welded to mounting ring. Each unit is vibration proof—and they will stand up in any climate.

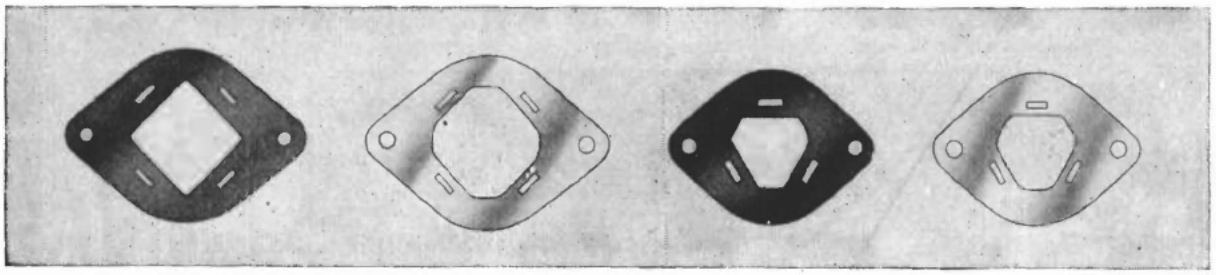
Arranged in a variety of can sizes and capacity combinations, the attached listing represents the majority of condenser types in use today.

SINGLE UNITS

Part Number	Capacity MFD	Working Voltage DC	Size Diameter	Size Length	List Price
UMP-13	3000	10	1 3/8"	3"	$ 4.50
UMP-15	1000	15	1"	3"	3.25
UMP-12	2000	15	1 3/8"	3"	4.70
UMP-21	100	25	1"	2"	1.45
UMP-25	500	25	1"	3"	2.45
UMP-205	1000	25	1 3/8"	3"	3.55
UMP-505	500	50	1 3/8"	3"	3.55
UMP-150	50	150	1"	2"	1.45
UMP-165	100	150	1"	3"	1.85
UMP-400	10	450	1"	2"	1.30
UMP-415	15	450	1"	2"	1.55
UMP-420	20	450	1"	2"	1.75
UMP-430	30	450	1"	2 1/2"	1.90
UMP-440	40	450	1"	3"	2.25
UMP-480	80	450	1 3/8"	3"	3.85

ILLINOIS CONDENSERS

TIME TESTED QUALITY



1-3/8" Diameter BAKELITE Mounting Plate Part No. MPB-1

1-3/8" Diameter STEEL Mounting Plate Part No. MPS-2

1" Diameter BAKELITE Mounting Plate Part No MPB-3

1" Diameter STEEL Mounting Plate Part No. MPS-4

DUAL UNITS

Part Number	Capacity MFD	Working Voltage DC	Size Diameter	Size Length	List Price
UMP-144	40-40	150	1"	2½"	$ 1.95
UMP-155	50-50	150	1"	2½"	2.10
UMP-411	10-10	450	1"	2"	2.10
UMP-422	20-20	450	1"	3"	2.65
UMP-444	40-40	450	1⅜"	3"	4.00
UMP-481	80-10	450	1⅜"	3"	4.20

TRIPLE UNITS

UMP-1332	30-30 20	150 25	1"	2"	2.25
UMP-1425	40-20 25	150 25	1"	2"	2.35
UMP-1531	50-30 100	150 25	1"	2½"	3.10
UMP-3151	15-10 20	350 25	1"	2"	2.55
UMP-3312	30-10 20	350 25	1"	2½"	2.75
UMP-4112	10-10 20	450 25	1"	2"	2.35
UMP-4222	20-20 20	450 25	1"	3"	2.95
UMP-4442	40-40 20	450 25	1⅜"	3"	4.25
UMP-1222	20-20-20	150	1"	2"	2.30
UMP-1444	40-40-40	150	1"	3"	2.60
UMP-3111	10-10-10	350	1"	2"	2.25
UMP-4111	10-10-10	450	1"	2½"	2.50

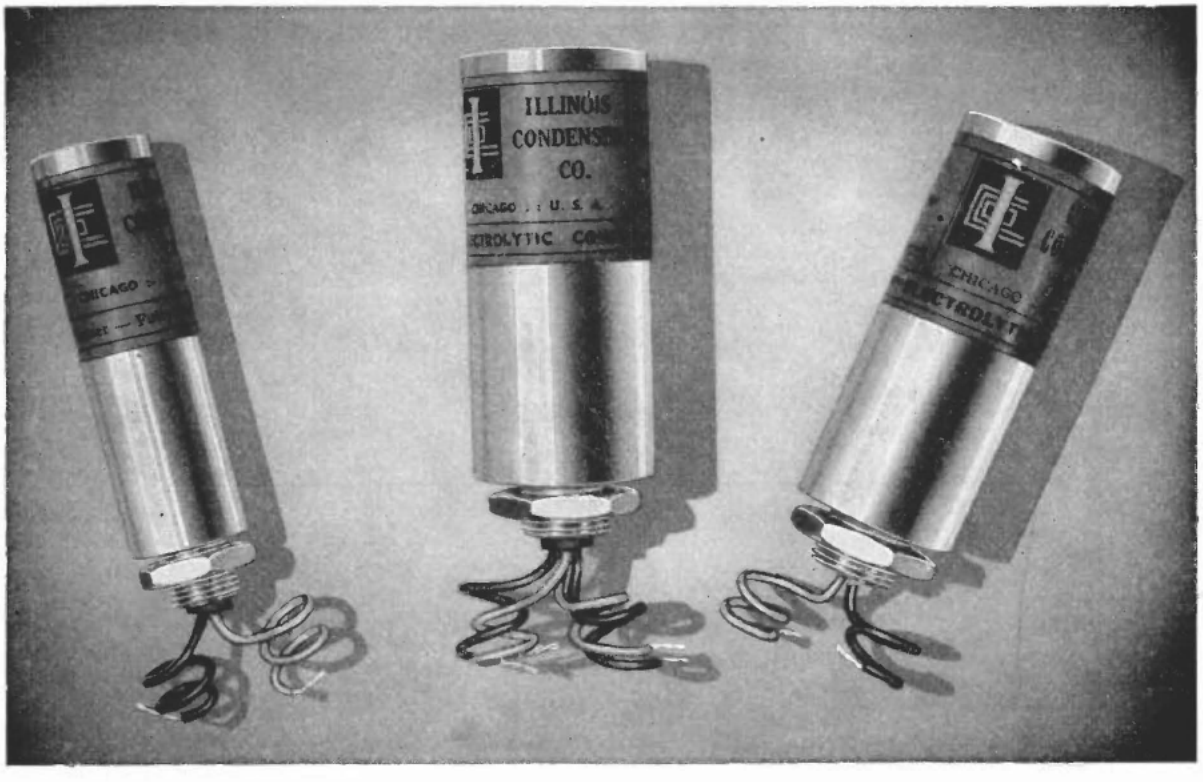
QUADRUPLE UNITS

UMP-14432	40-40-30 20	150 25	1⅜"	2"	3.10
UMP-44312	40-30-10 20	450 25	1⅜"	3"	4.15
UMP-41111	10-10-10-10	450	1⅜"	2"	3.25
UMP-42222	20-20-20-20	450	1⅜"	3"	4.50

NOTE: Outer Insulating sleeves are available upon special order for all of the above can sizes. A metal and bakelite mounting washer is supplied with each unit. Individually packaged in a sturdy, attractive varnished box.

ILLINOIS CONDENSERS

TIME TESTED QUALITY



TYPE LN
Inverted Screw Mounting
ALUMINUM CAN CONDENSERS

Type LN aluminum can condensers are manufactured to operate satisfactorily under the severest conditions. Units are completely sealed in an inner impregnated tube then resealed. Correct design has allowed for maximum heat dissipation with resultant ability of the condensers to operate at higher temperatures and higher voltage surges.

Separate negative and positive leads for each section for universal replacement work. Palnut furnished with each condenser, individually packaged in attractive, varnished outer box. These units are ideal for long life and continuous service.

LOCKNUT METAL CANS—STUD SCREW BASE MOUNTING

HIGH VOLTAGE

TYPE LN

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
LN 80	8	450	1 3/8"	3 3/8"	$1.75
LN 120	12	450	1 3/8"	3 3/8"	2.15
LN 16	16	450	1 3/8"	3 3/8"	2.40
LN 20	20	450	1 3/8"	3 3/8"	2.65
LN 25	25	450	1 3/8"	3 3/8"	2.85
LN 30	30	450	1 3/8"	3 3/8"	3.00
LN 40	40	450	1 1/2"	3 1/2"	3.40
LN 50	50	450	1 1/2"	3 1/2"	3.75
LN 60	60	450	1 1/2"	3 1/2"	3.95
LN 8045	80	450	1 1/2"	3 1/2"	4.35
LN 88	8-8	450	1 3/8"	3 3/8"	2.75
LN-D 88	8-8*	450	1 3/8"	3 3/8"	2.95
LN 1010	10-10	450	1 3/8"	3 3/8"	3.00
LN 168	16-8	450	1 3/8"	3 3/8"	3.25
LN 1212	12-12	450	1 3/8"	3 3/8"	3.25
LN 1212-D	12-12**	450			
LN 216	16-16	450	1 3/8"	3 3/8"	3.50
LN-D 216	16-16*	450	1 1/2"	3 1/2"	4.20
LN 22	20-20	450	1 1/2"	3 1/2"	4.00
LN 33	30-30	450	1 1/2"	3 1/2"	4.50
LN 44	40-40	450	1 1/2"	3 1/2"	4.95

* Dual Negative, 4 Leads. ** Dual Negative.

TRIPLE NEGATIVE SECTION — COMMON NEGATIVE

PART No.	CAP. MFD.	WORKING VOLTAGE DC	SIZE DIA.	SIZE LENGTH	LIST PRICE
LN 388	8-8-8	450	1 1/2"	3 1/2"	$4.25
LN 311	10-10-10	450	1 1/2"	3 1/2"	4.50
LN 316	16-16-16		1 1/2"	3 1/2"	4.95
LN 320	20-20-20		1 1/2"	3 1/2"	5.30
QUAD SECTIONS					
LN 48	8-8-8-8	450	1 1/2"	3 1/2"	4.85
LN 410	10-10-10-10	450	1 1/2"	3 1/2"	5.20
SINGLE & DUAL UNITS — 500 VDC					
LN 850	8	500	1 3/8"	3 3/8"	2.25
LN 1650	16	500	1 3/8"	3 3/8"	3.15
LN 8850	8-8	500	1 1/2"	3 3/8"	3.25
LN 16850	16-8	500	1 1/2"	3 3/8"	3.65
SINGLE & DUAL UNITS — 600 VDC					
LN 600	4	600	1 3/8"	3 3/8"	3.00
LN 8600	8	600	1 3/8"	3 3/8"	4.00
LN 12600	12	600	1 3/8"	3 3/8"	4.65
LN 16600	16	600	1 1/2"	3 1/2"	5.00
LN 20600	20	600	1 1/2"	3 1/2"	5.75

SPRAGUE CAPACITORS

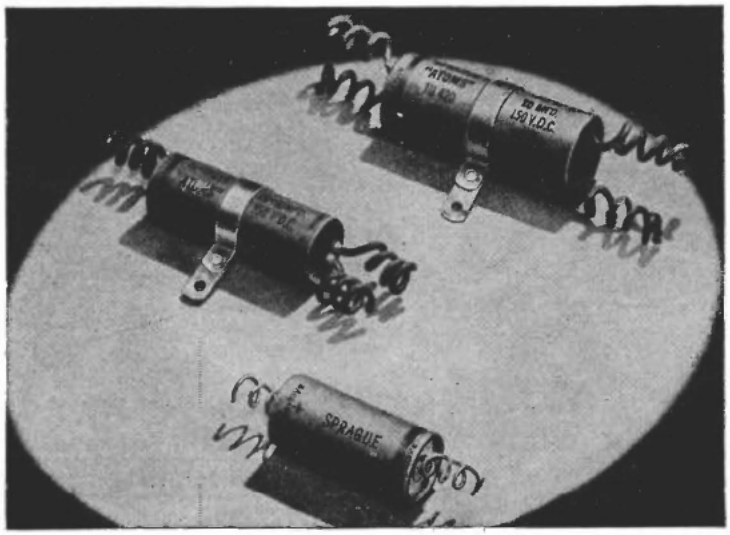
SPRAGUE ATOMS

THE UNIVERSAL MIDGET DRY ELECTROLYTICS

Sprague Atom Capacitors—"Mightiest Midgets of All"—are the answer to 90% or more of all radio service requirements for replacement dry electrolytic units. A small stock of different capacities and voltages equips you for quick, dependable service on practically every job.

Sprague atoms will fit anywhere. The smaller units can be mounted by means of their sturdy, tinned-copper leads. Metal mounting straps are provided with all dual units and are available for the larger single units. (See Hardware page P-62.) Or if desired, you can mount them by any other suitable means. Despite their extremely small size, Atoms will last longer and stand far more punishment than much larger, old-style dry electrolytics.

Atoms are guaranteed to have low leakage, to withstand high surge voltages, and to have exceptionally long shelf life. They are fully sealed against moisture and blow-ups by an exclusive Sprague process.



SINGLE

Cat. No.	Mfd.	V DC working	Dimen. D	Dimen. L	List Price
TA-5	5	25	11/16	1 5/16	$0.70
TA-10	10	25	11/16	1 5/16	.75
TA-25	25	25	11/16	1 5/16	.85
TA-50	50	25	11/16	1 5/16	1.00
TA-55	5	50	11/16	1 5/16	.75
TA-510	10	50	11/16	1 5/16	.80
TA-525	25	50	11/16	1 5/16	.90
TA-550	50	50	11/16	1 5/16	1.05
UT-41	4	150	13/16	1 13/16	.75
UT-81	8	150	13/16	1 13/16	.80
UT-121	12	150	13/16	1 13/16	.85
UT-161	16	150	13/16	1 13/16	.90
UT-201	20	150	13/16	1 13/16	.95
UT-301	30	150	13/16	1 13/16	1.00
UT-401	40	150	7/8	1 13/16	1.10
UT-501	50	150	15/16	1 13/16	1.20
UT-42	4	250	13/16	1 13/16	.80
UT-82	8	250	13/16	1 13/16	.80
UT-122	12	250	13/16	1 13/16	1.00
UT-162	16	250	13/16	1 13/16	1.10
UT-202	20	250	13/16	1 13/16	1.20
UT-402	40	250	15/16	2 5/16	1.45
UT-43	4	350	13/16	1 13/16	.85
UT-83	8	350	13/16	1 13/16	.90
UT-123	12	350	13/16	1 13/16	$1.10
UT-163	16	350	15/16	1 13/16	1.25
UT-203	20	350	1 1/16	1 13/16	1.30
UT-4	4	450	11/16	1 13/16	.90
UT-8	8	450	13/16	1 13/16	.95
UT-10	10	450	13/16	1 13/16	1.05
UT-12	12	450	13/16	1 13/16	1.15
UT-16	16	450	13/16	2 5/16	1.35
UT-20	20	450	13/16	2 5/16	1.50
UT-30	30	450	1 1/16	2 5/16	1.65
UT-40	40	450	1 1/16	2 13/16	2.00
UT-85	8	500	13/16	1 13/16	1.30
UT-165	16	500	1 1/16	2 5/16	2.00
UT-205	20	500	1 1/16	2 5/16	2.40

COMMON NEGATIVE—3 LEADS

Cat. No.	Mfd.	V DC working	Dimen. D	Dimen. L	List Price
TA-110	10-10	25	9/16	2 3/8	$1.05
TA-100	10-10	50	9/16	2 3/8	1.15
TA-88	8-8	150	11/16	2 3/8	1.15
TA-122	12-20	150	3/4	2 3/8	1.25
TA-116	16-16	150	3/4	2 3/8	1.25
TA-220	20-20	150	13/16	2 3/8	1.30
TA-230	20-30	150	7/8	2 3/8	1.40
TA-240	20-40	150	15/16	2 3/8	1.50
TA-330	30-30	150	15/16	2 3/8	1.50
TA-430	40-30	150	1	2 3/8	1.60
TA-440	40-40	150	1	2 3/8	1.70
TA-530	50-30	150	1	2 3/8	$1.70
TA-505	50-50	150	1 1/16	2 7/8	1.85
TA-816	8-16	200	3/4	2 3/8	1.30
TA-212	12-12	200	13/16	2 3/8	1.30
TA-216	16-16	200	13/16	2 3/8	1.50
AT-261	16-16	250	15/16	2 3/8	1.70
UT-88	8-8	450	1	2 3/8	1.70
UT-816	8-16	450	1	2 7/8	2.00
UT-220	20-20	450	1	3 7/8	2.40
TA-301	20-20/20	150/25	7/8	2 3/8	$1.90
TA-303	30-30-30	150	1	2 7/8	2.20
TA-305	40-30/20	150/25	7/8	2 7/8	2.05
TA-307	50-30/20	150/25	15/16	2 7/8	2.10
TA-309	50-50/20	150/25	1	2 7/8	2.25
TA-311	30-30/100	150/12	7/8	2 7/8	2.50
TA-313	12-12/20	450/25	1	2 7/8	2.20

SEPARATE SECTIONS—4 LEADS

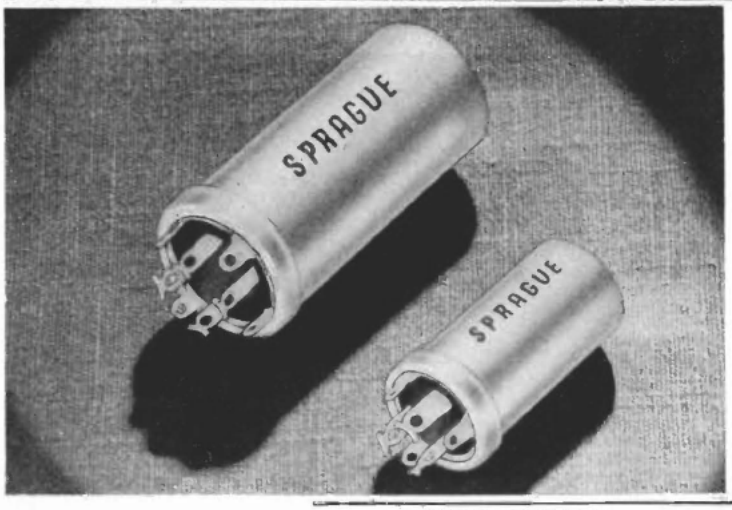
Cat. No.	Mfd.	V DC working	Dimen. D	Dimen. L	List Price
TU-220	20-20	150	1	2 3/8	$2.00
TU-420	40-20	150	1 1/16	2 5/8	2.35
TU-816	8-16	250	1	2 3/8	2.25
TU-216	16-16	250	1	2 7/8	2.55
TU-88	8-8	450	1 1/16	3 3/8	2.10
TU-1616	16-16	450	1 3/8	3 1/8	3.15

SPRAGUE UHC HIGH-CAPACITY, LOW-VOLTAGE TUBULARS

These miniature high-capacity, low-voltage tubular dry electrolytics are specifically constructed for use as cathode by-pass capacitors and as smoothing filters for low-voltage, high-current power supplies. Whereas ordinary high-capacity, dry electrolytics have high leakage current and relatively high power factor, Type UHC provides exceptionally low leakage current and low power factor. In by-pass applications, this means unusually high filtering action, without the introduction of shunt resistance across low-resistance bias units, and it is particularly important in controlled feedback amplifiers.

Catalog No.	Mfd.	Voltage DC working	Voltage Surge	Dimensions D	Dimensions L	List Price
UHC-106	100	6	10	11/16	1 5/16	$1.40
UHC-206	250	6	10	11/16	1 5/16	1.55
UHC-506	500	6	10	13/16	2 1/16	1.70
UHC-1000	1000	6	10	15/16	2 5/16	2.25
UHC-1500	1500	6	10	15/16	2 13/16	3.00
UHC-112	100	12	15	11/16	1 5/16	1.55
UHC-212	250	12	15	13/16	1 13/16	1.75
UHC-512	500	12	15	7/8	1 13/16	1.90
UHC-1012	1000	12	15	15/16	2 5/16	2.75
UHC-115	100	15	20	11/16	1 5/16	1.70
UHC-215	250	15	20	13/16	1 13/16	1.90
UHC-515	500	15	20	15/16	2 5/16	2.10
UHC-1015	1000	15	20	1 1/16	2 5/16	3.00
UHC-102	100	25	40	13/16	1 13/16	1.20
UHC-202	250	25	40	7/8	1 13/16	2.00
UHC-502	500	25	40	1 1/16	2 5/16	2.25
UHC-105	100	50	75	13/16	1 13/16	1.50

SPRAGUE CAPACITORS



SPRAGUE EL
"TWIST-LOK" SELF - MOUNTING MIDGET CAN TYPE

The popularity of EL units is proved by their widespread use by leading manufacturers. They are easy to mount, and no other dry type gives so much dependability in such compact size. EL Capacitors are of highest quality etched-foil construction, hermetically sealed in aluminum cans and have twist-prong tabs for washer or direct to chassis mounting. Tabs have holes and are tinned for easy soldering. Each unit is supplied to you with Bakelite and metal washers, making them ideal for above-chassis mounting. The mounting tab ring, formed by the end of the metal container and serving as the negative terminal, is electrically welded to the capacitor cathode. Multi-Section EL Capacitors are concentrically wound and have common cathode construction.

SINGLE SECTION

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
EL-13	3000	10	1 3/8	3	$4.50
EL-111	1000	15	1	3	3.25
EL-121	2000	15	1 3/8	3	4.70
EL-142	40	25	3/4	2	1.10
EL-112	100	25	3/4	2	1.45
EL-152	500	25	1	2	2.45
EL-122	1000	25	1 3/8	2	3.55
EL-50	150	50	3/4	2 1/2	2.45
EL-55	500	50	1 3/8	2 1/2	3.55
EL-31	30	150	3/4	2	1.25
EL-51	50	150	3/4	2 1/2	1.45
EL-14	40	200	1	2	1.50
EL-12	20	250	3/4	2	1.45
EL-30	30	250	3/4	2 1/2	1.55
EL-42	40	250	1	2	1.70
EL-6	60	250	1	2 1/2	2.05
EL-203	15	300	3/4	2	1.40
EL-33	30	300	1	2	1.65
EL-53	50	300	1	2 1/2	1.95
EL-123	125	300	1 3/8	3	3.20
EL-5	50	350	1	3	2.05
EL-125	125	350	1 3/8	3	3.55
EL-10	10	400	3/4	2	1.25
EL-20	20	400	1	2	1.65
EL-80	80	400	1 3/8	2 1/2	2.95
EL-1	10	450	3/4	2	1.30
EL-15	15	450	1	2	1.55
EL-2	20	450	1	2	1.75
EL-3	30	450	1	2 1/2	1.90
EL-4	40	450	1	3	2.25
EL-115	10	525	1	2	1.75

DUAL SECTION

EL-242	40-40	25	1	2	1.50
EL-250	50-50	50	1	2	1.70
EL-221	20-20	150	1	2	1.55
EL-231	30-15	150	1	2	1.60
EL-230	30-30	150	1	2	1.75
EL-24	40-20	150	1	2	1.75
EL-35	50-30	150	1	2	1.95
EL-25	50-50	150	1	2	2.10
EL-26	60-60	150	1	3	2.25
EL-101	10-10	250	1	2	1.75
EL-120	20-20	250	1	2	2.05
EL-245	40-40	250	1	3	2.30
EL-21	10-10	300	1	2	1.80
EL-253	15-15	300	1	2	1.95
EL-22	20-20	300-25	1	2	1.85
EL-23	30-30	300-350	1	3	2.60
EL-32	30-20	350	1	3	2.50
EL-254	15-15	400	1	2 1/2	2.30
EL-214	80-10	400	1 3/8	3	4.00
EL-210	10-10	450	1	2	2.10
EL-151	15-10	450	1	3	2.35
EL-220	20-20	450	1	3	2.65
EL-240	40-40	450	1 3/8	3	4.00

TRIPLE SECTION

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
EL-325	20-20-20	25	1	2	$2.00
EL-335	30-30-30	50	1	2	2.30
EL-313	10-30-30	150	1	2	2.30
EL-320	20-20-20	150	1	2	2.30
EL-224	40-20-20	150	1	2	2.40
EL-340	40-40-40	150	1	3	2.60
EL-321	30-20-100	150-150-6	1	2	2.65
EL-222	20-20-20	150-150-25	1	2	2.20
EL-324	30-20-20	150-150-25	1	2	2.20
EL-332	30-30-20	150-150-25	1	2	2.25
EL-43	30-40-25	150-150-25	1	2	2.35
EL-343	40-30-20	150-150-25	1	2	2.35
EL-351	50-30-100	150-150-25	1	2 1/2	3.10
EL-352	50-50-20	150-150-25	1	2 1/2	2.55
EL-355	10-15-15	250	1	2	2.50
EL-315	10-15-30	250	1	2	2.65
EL-354	40-20-20	250	1	3	3.00
EL-331	15-15-20	250-250-25	1	2	2.45
EL-334	30-30-20	250-250-25	1	2 1/2	2.70
EL-314	10-20-30	250-250-350	1	3	2.80
EL-316	10-10-10	300	1	2	2.40
EL-333	20-20-20	300-300-25	1	2	2.60
EL-341	40-15-20	300-300-25	1	2 1/2	2.80
EL-102	10-10-20	350-350-25	1	2	2.30
EL-153	15-10-20	350-350-25	1	2	2.40
EL-326	15-15-20	350-350-25	1	2 1/2	2.55
EL-212	20-10-20	350-350-25	1	2 1/2	2.45
EL-323	30-20-20	350-350-25	1	3	2.80
EL-311	10-10-10	400	1	2 1/2	2.50
EL-342	15-15-40	400-400-25	1	2 1/2	2.70
EL-322	20-20-20	400-400-25	1	3	2.80
EL-310	10-10-10	450	1	2 1/2	2.50
EL-344	15-15-10	450	1	3	2.85
EL-300	20-20-20	450	1 3/8	2 1/2	3.45
EL-362	20-15-10	450-300-300	1	3	2.85
EL-363	10-10-20	450-350-25	1	2	2.30
EL-364	15-20-20	450-350-250	1 3/8	2	2.95
EL-345	10-10-10	450-450-25	1	2 1/2	2.30
EL-202	10-10-20	450-450-25	1	2 1/2	2.35
EL-312	10-20-20	450-450-25	1	3	2.55
EL-353	15-15-20	450-450-25	1	3	2.70
EL-205	20-15-20	450-450-25	1	2 1/2	2.80
EL-350	20-20-20	450-450-25	1	3	2.95
EL-330	30-30-20	450-450-25	1 3/8	2 1/2	3.15
EL-360	15-15-10	450-450-300	1	3	2.80
EL-215	15- 5-15	450-450-350	1	3	2.50

QUADRUPLE SECTION

EL-434	30-30-30-40	150-150-150-25	1 3/8	2	3.05
EL-443	40-40-30-20	150-150-150-25	1 3/8	2	3.10
EL-452	50-50-50-20	150-150-150-25	1 3/8	2	3.40
EL-422	40-20-10-20	200-200-200-25	1 3/8	2	3.15
EL-412	10-10-10-20	300-300-300-25	1 3/8	2	2.95
EL-432	40-40-20-20	350-300-300-25	1 3/8	3	3.95
EL-415	20-10- 5-10	350-350-350-25	1 3/8	2	3.05
EL-442	20-20-20-20	400-400-400-25	1 3/8	2 1/2	3.80
EL-410	10-10-10-10	450	1 3/8	2	3.25
EL-420	20-20-20-20	450	1 3/8	3	4.50
EL-421	20-15-15-20	450-350-350-25	1 3/8	2	3.60
EL-423	20-15-20-20	450-450- 25-25	1 3/8	2	3.40
EL-425	20-20-30-30	450-450-300-300	1 3/8	3	4.35
EL-431	10-10-10-20	450-450-450-25	1 3/8	2	3.05
EL-424	40-30-10-20	450-450-450-25	1 3/8	3	4.15

SPRAGUE CAPACITORS

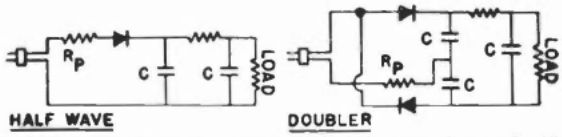
SPRAGUE ELS SELENIUM RECTIFIER ELECTROLYTICS IN "TWIST-LOCK" CANS

Electrolytic Capacitors used in filter circuits for selenium rectifiers should be specifically designed for the job. As normally used in radio receivers, the use of selenium rectifiers results in the full 115 volts AC being applied to the filter for some 5 to 15 seconds each time the set is switched on. Even in normal operation, ripple currents as high as 400 milliamperes are not uncommon.

Conventional filter capacitors are not designed to handle these situations. High ripple current is detrimental to electrolytic capacitors because of heating due to power losses in the unit, and the tendency toward film formation on the cathode. Sprague Type ELS capacitors have been specifically designed to withstand the high ripple currents and reverse currents encountered in selenium rectifier circuits.

Catalog No.	Mfd.	DC Working Voltage	—Can Size— D	L	List Price
ELS-1	40	150	¾	2	$1.35
ELS-2	80	150	1	2	1.75
ELS-3	150	150	1⅜	2½	2.75
ELS-4	60	300	1⅜	2	2.15
ELS-5	80	300	1⅜	2½	2.50

TWO TYPICAL SELENIUM RECTIFIER CIRCUITS



The two circuits shown above are typical of the type often used with selenium rectifiers. To protect both the filter capacitors as well as the rectifier, a protective resistor, Rp, should be used as shown in the diagram. This is particularly necessary in replacement work where the original circuit used a tube as a rectifier. A normal value of Rp is 50 ohms, and with normal ratings of selenium rectifiers available should not be less than 10 ohms.

Even though the protective resistor is used, the filter capacitors are subjected to severe ripple currents. For safe performance of the circuit, it is essential that these capacitors be specifically designed and produced to withstand these extreme conditions.

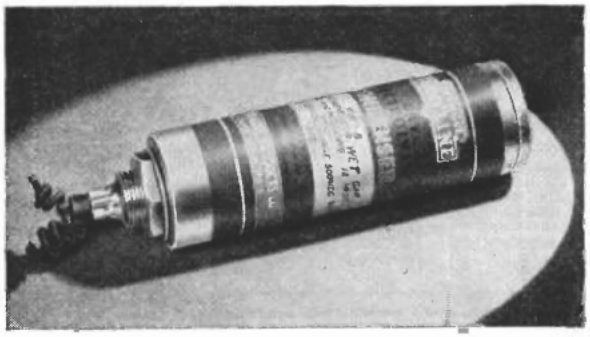
ELS SELENIUM RECTIFIER ELECTROLYTICS — Continued

Catalog No.	Mfd.	DC Working Voltage	—Can Size— D	L	List Price
ELS-6	20-20	150	1	2	$1.55
ELS-7	40-40	150	1	2	1.95
ELS-8	80-40	150	1⅜	2	2.25
ELS-9	40-40	200	1	3	2.20
ELS-10	40-40	300	1⅜	2½	3.00
ELS-11	60-60	300	1⅜	3	3.25
ELS-12	80-40	300	1⅜	3	3.65
ELS-13	20-20-20	150	1	2	2.30
ELS-14	20-20/20	150/25	1	2	2.20
ELS-15	40-20/20	150/25	1	2	2.30
ELS-16	40-20/20	300/25	1⅜	2	3.00

SPRAGUE HLV HIGH-CAPACITY, LOW-VOLTAGE ALUMINUM CAN TYPES

These aluminum can low-capacity, low-voltage capacitors are specifically designed for tough filter applications, in "A" eliminators, talking movie equipment, plant telephone systems and similar low-voltage, high capacity filter circuits where it is essential to have absolute reliability, and to eliminate all hum. All units have outer insulating tube.

Catalog No.	Mfd.	—Voltage— DC working	Surge	—Dimensions— D	L	List Price
HLV-506	500	6	10	1	2⅛	$2.70
HLV-106	1000	6	10	1⅜	2¼	3.25
HLV-156	1500	6	10	1⅜	2¾	4.00
HLV-206	2000	6	10	1⅜	3¼	4.80
HLV-5012	500	12	15	1⅜	2¼	2.75
HLV-1012	1000	12	15	1⅜	2¼	2.90
HLV-1512	1500	12	15	1⅜	2¾	4.50
HLV-2012	2000	12	15	1⅜	3¼	4.80
HLV-5015	500	15	20	1⅜	2¼	3.10
HLV-1015	1000	15	20	1⅜	2¼	3.70
HLV-1515	1500	15	20	1⅜	3¼	4.75
HLV-2015	2000	15	20	1½	3¾	5.80
HLV-525	500	25	40	1⅜	2¼	4.00
HLV-1025	1000	25	40	1⅜	3¼	4.85
HLV-2025	2000	25	40	1¾	4¼	7.20



SPRAGUE WR WET ELECTROLYTIC REPLACEMENTS

Sprague Type WR Capacitors are NOT SUBSTITUTES. They are dry electrolytics of very high voltage formation specifically designed for use wherever wet electrolytic capacitors may have been used. They will stand high peak voltages and they'll handle a-c ripples that might cause ordinary 450-volt drys to break down.

Cat. No.	Mfd.	Work. V DC	Surge	Diam.	Lgth.	List Price
WR-8	8	500	600	1⅜	3 13/16	$1.55
WR-16	16	500	600	1⅜	4 7/16	2.35
WR-25	25	500	600	1½	5 7/16	2.75

TOPS FOR TELEVISION!

● Sprague serves the service industry first again with the most complete line of television electrolytics. Engineered especially for tough TV replacement applications, Sprague's new Type TVA Atom® and Type TVL Twist-Lok★ electrolytics stand up under the extremely high temperatures, high ripple currents and high surge voltages encountered in TV receivers.

● Like all Sprague Capacitors, Types TVA and TVL Television Electrolytics have the *extra* dependability that has helped make Sprague the largest capacitor supplier to the television and electronic industry.

● The most popular replacement units for RCA, Philco, Dumont, Admiral, General Electric, Motorola, Emerson, Zenith, Westinghouse and other leading set brands are in the comprehensive listings on this page.

TYPE TVA ATOMS®

Small sized, metal-encased dry electrolytic tubulars. . . . All are suitable for 85°C operation . . . . TVA-11 through TVA-14 are specially designed miniatures for TV and FM detector circuits. . .

Cat. No.	Mfd.	WVDC	Size*	List Price
		SINGLE UNITS		
TVA-1	1000	6	13/16x2 5/16	$2.25
TVA-2	2000	6	1 1/16x2 5/16	3.90
TVA-3	250	12	11/16x1 13/16	1.75
TVA-4	500	12	13/16x1 13/16	1.90
TVA-5	10	25	7/16x1 1/4	.75
TVA-6	25	25	7/16x1 1/4	.85
TVA-7	50	25	11/16x1 5/16	1.00
TVA-8	100	25	11/16x1 13/16	1.20
TVA-9	250	25	13/16x1 13/16	2.00
TVA-10	500	25	15/16x2 5/16	2.25
TVA-11	1	50	7/16x1 1/4	.75
TVA-12	2	50	7/16x1 1/4	.75
TVA-13	5	50	7/16x1 1/4	.75
TVA-14	10	50	7/16x1 1/4	.80
TVA-15	25	50	9/16x1 5/16	.90
TVA-16	50	50	9/16x1 13/16	1.05
TVA-17	100	50	11/16x1 13/16	1.50
TVA-18	30	150	13/16x1 13/16	1.00
TVA-19	80	150	15/16x2 5/16	1.50
TVA-21	10	450	13/16x2 5/16	1.05
TVA-22	20	450	1 1/16x2 5/16	1.50
TVA-23	30	450	1 1/16x2 13/16	1.65
TVA-24	40	450	1 1/16x3 5/16	2.00
		DUAL UNITS		
TVA-20	20+20	150	15/16x1 9/16	1.30
TVA-25	10+10	450	15/16x2 9/16	1.85

TYPE TVL TWIST-LOK★ DRY ELECTROLYTICS

A twist of the mounting tabs locks units in place. . . . Hermetically sealed for long life. . . . Designed for 85° C operation up to 450 WVDC.

Cat. No.	Mfd.	WVDC	Size*	List Price
		SINGLE UNITS		
TVL-41	.5 ohm @ 15.75 kc	3, non-pol.	1 x2	$2.90
TVL-42	1 ohm @ 60 cps	3, non-pol.	1 3/8x2 1/2	4.50
TVL-43	2000	6	1 3/8x2	4.20
TVL-1	80	150	1 x2 1/2	1.75
TVL-61	80	150	1 3/8x2	1.75
TVL-70	15	250	1 x2	1.40
TVL-63	30	250	1 x2 1/2	1.55
TVL-3	50	250	1 x2	1.90
TVL-62	80	250	1 x3 1/2	2.40
TVL-44	150	250	1 3/8x3	3.20
TVL-4	100	300	1 x4	3.15
TVL-5	80	350	1 3/8x2 1/2	2.80
TVL-45	40	450	1 x3	2.25
TVL-6	125	450	1 3/8x4	5.75
TVL-7	30	475	1 x3	2.60
TVL-8	40	475	1 3/8x2	3.00
TVL-9	90	475	1 3/8x3 1/2	6.50
		DUAL UNITS		
TVL-10	1000+500	6, non-pol.	1 3/8x2	2.95
TVL-66	250/1000	10/6	1 3/8x2	4.25
TVL-13	1000+1000	15	1 x3 1/2	4.90
TVL-14	80+80	300	1 3/8x3 1/2	3.85
TVL-46	120+20	300	1 3/8x3 1/2	3.60
TVL-15	30+10	400	1 x3	2.50
TVL-16	20/80	450/350	1 3/8x3 1/2	3.80
TVL-69	40/10	450/350	1 3/8x2	2.75
TVL-64	40+40	450	1 3/8x3	4.00
TVL-17	80/10	450/25	1 3/8x3	3.70
TVL-18	80/50	450/50	1 3/8x3	4.00
TVL-47	80+10	450	1 3/8x3	4.25
TVL-19	20/100	475/300	1 3/8x3 1/2	4.10
TVL-20	40+40	475	1 3/8x3	4.65
		TRIPLE UNITS		
TVL-49	20/250+100	150/15	1 3/8x2 1/2	2.80
TVL-48	100/50/25	150/50/25	1 x3	2.80
TVL-50	70+70/20	200/50	1 3/8x3	4.00
TVL-21	100+10/40	200/50	1 3/8x2	3.85
TVL-22	80+80/60	250/200	1 3/8x3 1/2	4.25
TVL-51	100/60/20	300/150/25	1 3/8x4	3.85
TVL-23	40/20/10	350/300/200	1 3/8x2	2.90
TVL-24	80+40/150	400/50	1 3/8x4	4.65
TVL-30	40+40+10	450	1 3/8x3 1/2	4.65
TVL-26	30/100+25	450/25	1 3/8x2	2.75
TVL-52	10+10/40	450/50	1 x2 1/2	2.85
TVL-67	20+10/50	450/50	1 x3	3.10
TVL-29	40+10/40	450/50	1 3/8x2 1/2	3.25
TVL-27	40/90+50	450/150	1 3/8x3	3.50
TVL-54	40+40/40	450/150	1 3/8x3 1/2	4.65
TVL-57	40/40/130	450/150/50	1 3/8x3	4.15
TVL-25	40+10/80	450/200	1 3/8x3	3.65
TVL-65	20+20/60	450/350	1 3/8x3 1/2	3.85
TVL-53	40+10/10	450/350	1 3/8x3	3.50
TVL-28	10/10/50	450/350/25	1 x3	2.65
TVL-56	10/30/30	450/400/300	1 3/8x2 1/2	3.10
TVL-31	20/20/40	475/300/25	1 3/8x2	3.35
TVL-32	40/40/25	475/400/50	1 3/8x3	4.65
TVL-33	10+10+10	475	1 x3	3.00
TVL-55	30+30+20	475	1 3/8x3	5.20
		QUADRUPLE UNITS		
TVL-60	60+40+20/50	300/25	1 3/8x3 1/2	$4.00
TVL-34	10+10/10+10	350/300	1 3/8x2	3.10
TVL-35	40/10/80+10	400/350/250	1 3/8x3 1/2	4.45
TVL-36	10+10+10/10	450/150	1 3/8x2	3.05
TVL-68	60+10+10/20	450/150	1 3/8x3	4.35
TVL-59	40+10/35+10	450/350	1 3/8x3 1/2	5.10
TVL-58	30+30+15+10	450	1 3/8x3 1/2	4.25
TVL-37	10/10/80/50	475/450/200/50	1 3/8x3	4.60
TVL-38	40+20+10/10	475/25	1 3/8x3	5.10
TVL-39	10+10+10+10	475	1 3/8x2	3.95
TVL-40	40+20+10+10	475	1 3/8x3	5.50

*Diameter x Length in Inches.

INSULATING TUBES

These closed-top black insulating sleeves ore made of tightly fitting Kraftboard. Order with capacitors as required.

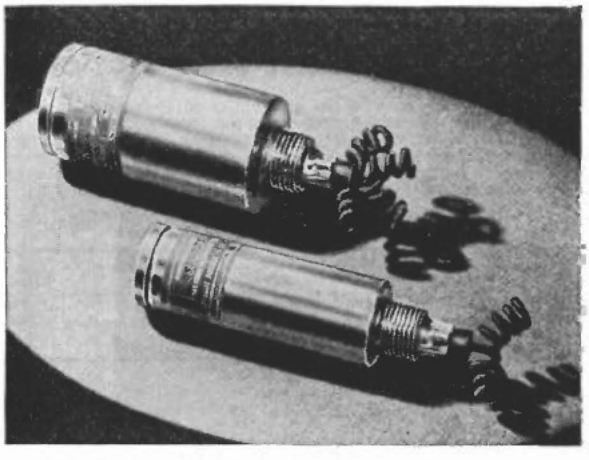
Cat. No.	Description	Cat. No.	Description
HKT-1	For 1" x2" can	HKT-5	For 1 3/8"x2" can
HKT-2	For 1" x2 1/2" can	HKT-6	For 1 3/8"x2 1/2" can
HKT-3	For 1" x3" can	HKT-7	For 1 3/8"x3" can
HKT-4	For 1" x4" can	HKT-8	For 1 3/8"x3 1/2" can
		HKT-9	For 1 3/8"x4" can

*Overall Diameter x Length in Inches.

★ Trademark ® T. M. Reg. U.S. Pat. Off.

SPRAGUE CAPACITORS

SPRAGUE PLS "TINY MIKE" 450V



Type PLS Capacitors can be used with complete dependability on applications where much larger, old-style can-type dry electrolytics were previously necessary. Their exceptional quality and dependability in minimum size are made possible by the exclusive Sprague etched foil process which permits high capacity with very small leakage currents and low power factor. Aluminum cans have threaded bushing and locknut at one end for mounting. Separate positive leads and common negative leads are provided for capacitor sections.

Special ring clamps are available for upright mounting. (See Hardware, page P-62.)

CONTINUOUS WORKING VOLTAGE 450 VOLTS
MAXIMUM SURGE VOLTAGE 525 VOLTS

Catalog No.	Mfd.	Voltage DC working	Voltage Surge	Dimensions D	Dimensions L	List Price
PLS-4	4	450	525	1 3/8	2 7/16	$1.70
PLS-8	8	450	525	1 3/8	2 7/16	1.75
PLS-12	12	450	525	1 3/8	2 7/16	2.15
PLS-16	16	450	525	1 3/8	2 7/16	2.40
PLS-20	20	450	525	1 3/8	2 7/16	2.65
PLS-25	25	450	525	1 3/8	3 7/16	2.85
PLS-30	30	450	525	1 3/8	3 7/16	3.00
PLS-40	40	450	525	1 3/8	3 11/16	3.40
PLS-48	4-8	450	525	1 3/8	2 13/16	2.50
PLS-88	8-8	450	525	1 1/2	2 13/16	2.75
PLS-816	8-16	450	525	1 1/2	2 13/16	3.25
PLS-216	16-16	450	525	1 1/2	3 13/16	3.50
PLS-888	8-8-8	450	525	1 1/2	2 13/16	4.25

SPRAGUE LS

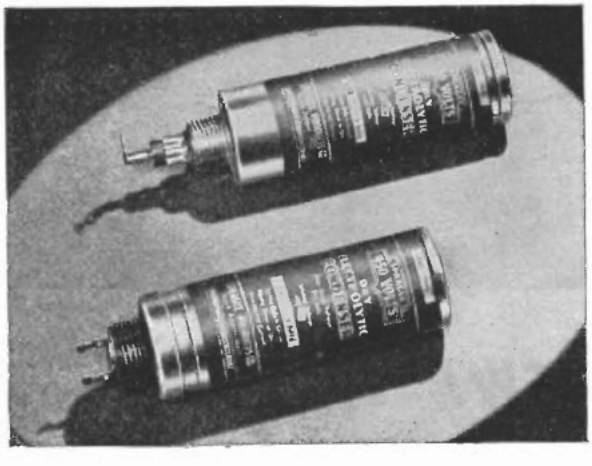
ALUMINUM CAN TYPES, 450V

Popular units for replacing older can type capacitors. May be mounted in any position. Standard mounting through chassis by threaded bushing on can. Packed with mounting hardware and insulating washers for use where can must be insulated from chassis. Special ring mounting clamps are available for upright mounting with can partly extending through panels or chassis. (See Hardware, page P-62.)

TYPE LS UNITS have the can as negative terminal, and lug terminals for anode connections.

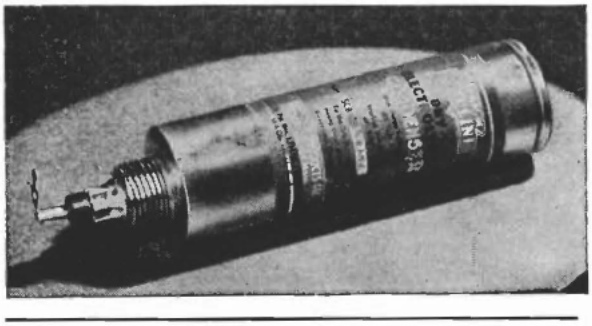
CONTINUOUS WORKING VOLTAGE 450 VOLTS
MAXIMUM SURGE VOLTAGE 525 VOLTS

Catalog No.	Mfd.	Voltage DC working	Voltage Surge	Dimensions D	Dimensions L	List Price
LS-8	8	450	525	1 3/8	2 13/16	$1.75
LS-12	12	450	525	1 3/8	2 13/16	2.15
LS-16	16	450	525	1 3/8	2 13/16	2.40
LS-20	20	450	525	1 3/8	2 13/16	2.65
LS-25	25	450	525	1 3/8	3 7/16	2.85
LS-30	30	450	525	1 3/8	3 7/16	3.00
LS-40	40	450	525	1 3/8	3 11/16	3.40
LS-88	8-8	450	525	1 3/8	2 1/4	2.75



SPRAGUE SC INVERTED SCREW CAN MOUNTING TYPE, 475V

(WITH CAN AS NEGATIVE TERMINAL)



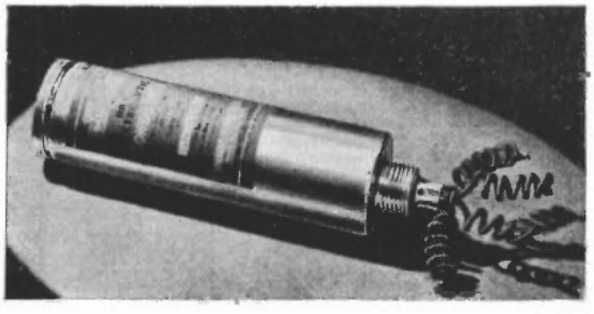
Can type dry electrolytics especially designed for the exacting continuous duty requirements of public address and power amplifier work. High surge voltage rating provides extra safety in high-current power supplies where high peaks often occur. Unexcelled for "extra tough" service replacement uses. Provided with threaded bushing for standard mounting in any position. Can is the negative terminal in all units. Positive terminal is lug connection. Supplied with mounting nut, and insulating washer to insulate can from chassis. Special ring clamps are available for upright mounting. (See Hardware, page P-62.)

CONTINUOUS WORKING VOLTAGE 475 VOLTS
MAXIMUM SURGE VOLTAGE 600 VOLTS

Catalog No.	Mfd.	Voltage DC working	Voltage Surge	Dimensions D	Dimensions L	List Price
SC-4	4	475	600	1	3 7/16	$1.90
SC-8	8	475	600	1 3/8	4 7/16	2.25
SC-12	12	475	600	1 3/8	4 7/16	3.15
SC-16	16	475	600	1 1/2	4 7/16	3.50
SC-88	8-8	475	600	1 3/8	4 1/4	3.65

SPRAGUE CAPACITORS

SPRAGUE CL INVERTED SCREW CAN MOUNTING TYPE, 475V (WITH CAN INSULATED FROM SECTIONS)



These can-type dry electrolytics are similar to Type SC Capacitors except that the can is insulated from the filter sections. Separate positive and negative terminal leads for each section. Especially recommended for high gain, high power amplifiers where minimum inter-stage coupling through power supply is desired. Special ring clamps are available for upright mounting. (See Hardware, p. P-62.)

CONTINUOUS WORKING VOLTAGE 475 VOLTS
MAXIMUM SURGE VOLTAGE 600 VOLTS

Catalog No.	Mfd.	Voltage DC working	Voltage Surge	Dimensions D	Dimensions L	List Price
CL-8	8	475	600	1 3/8	4 7/16	$2.25
CL-16	16	475	600	1 1/2	4 7/16	3.50
CL-88	8.8	475	600	1 1/2	4 15/16	3.65

SPRAGUE AP HIGH-VOLTAGE CAN TYPES, 600V

These sturdy can-type units are outstandingly popular for all public address and theater applications where the working voltage is high and surges run well over 600 volts. These high capacities and high voltage ratings are obtained by use of balanced dry electrolytic sections connected in series, assuring long, trouble-free performance. Full capacity, full working voltage and low power factor are GUARANTEED.

CONTINUOUS WORKING VOLTAGE 600 VOLTS
MAXIMUM SURGE VOLTAGE 800 VOLTS

Catalog No.	Mfd.	Voltage DC working	Voltage Surge	Dimensions D	Dimensions L	List Price
AP-46	4	600	800	1	4 7/16	$3.00
AP-86	8	600	800	1 3/8	4 7/16	4.00
AP-16	16	600	800	1 1/2	4 7/16	5.00

NEW! SPRAGUE TO-3 DELUXE TEL-OHMIKE

Universal Capacitance and Resistor Analyzer with Built-in DC Volt-milliammeter

$59.70 net

This fast, simplified operation is the keynote of the new TO-3 De Luxe Tel-ohmike. "Speedy check" locates open, intermittent, or shorted condensers WITHOUT REMOVING THEM FROM THE CIRCUIT. One pair of plainly marked binding posts and a total of only five controls assure quick, effective operation on all tests. Dial is of direct-reading, calibrated type, color coded to correspond to selector switch. It is easy to see, easy to read. In addition to all of its uses in radio work, Tel-ohmike checks motor-starting condensers, and measures insulation resistance of motors, transformers, etc.

SPECIFICATIONS

Capacity: .00001-2,000 MFD. in 4 ranges.

Power Factor: 0-50% at 60 cycles.

Insulation Resistance: 0-2500 Megohms (Direct reading on the meter).

Electrolytic Leakage: Measured in MA. at rated D.C. voltage. Capacity and power factor of electrolytic condensers measured with rated polarizing voltage applied.

Resistance: 2.5 Ohms-25 Megs. in 3 ranges.

D.C. Meter Range: 0-15, 150, 750 volts — 0-1.5, 15, 75 MA.

Size: 13¼" wide, 10⅛" high, — 5" deep.

Power: 35 watts at 115 volts — 60 cycle.

Shipping Weight: 15 lbs.

SPRAGUE PRODUCTS COMPANY, NORTH ADAMS, MASS.

SPRAGUE CAPACITORS

SPRAGUE MOLDED TELECAPS

Greatest Paper Tubular Advance in 20 Years!

Highly Heat Resistant — **Conservatively Rated**
Moisture Resistant — **Small in Size**
Non-Inflammable — **Mechanically Rugged**

Completely Insulated

The new Sprague Molded Tubulars listed here are the result of more than four years' intensive research — and one of the largest retooling programs in Sprague history! The unique high - temperature molded construction of these units assures maximum dependability, even under extremes of heat, humidity, and physical stress. They're especially recommended for use in auto radios, in small ac-dc sets that get hot, or for any application which is "tough" on normal, waxed paper units.

TYPE TM — 600 VOLTS

Catalog No.	Mfd.	Voltage DC Working	Dimensions D	Dimensions L	List Price
* TC-31	.0001	600	3/8	1 1/8	$0.25
* TC-325	.00025	600	3/8	1 1/8	.25
* TC-34	.0004	600	3/8	1 1/8	.25
* TC-35	.0005	600	3/8	1 1/8	.25
TM-21	.001	600	5/16	1	.25
TM-22	.002	600	5/16	1	.25
TM-23	.003	600	5/16	1	.25
TM-24	.004	600	5/16	1	.25
TM-25	.005	600	3/8	1 1/4	.25
TM-26	.006	600	3/8	1 1/4	.25

TYPE TM — (Continued)

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
TM-11	.01	600	3/8	1 1/4	$0.30
TM-12	.02	600	7/16	1 1/4	.30
TM-13	.03	600	7/16	1 1/4	.35
TM-14	.04	600	1/2	1 1/2	.35
TM-15	.05	600	1/2	1 1/2	.40
TM-16	.06	600	5/8	1 7/8	.40
TM-1	.1	600	5/8	1 7/8	.45
* TC-2	.25	600	5/8	2 1/8	.55
* TC-5	.5	600	13/16	2 1/8	.80
* TC-10	1.0	600	1	2 5/8	1.25

* Supplied in waxed cardboard units pending completion of molds.

TYPE MB — 1600 VOLTS

* TR-35	.0005	1600	3/8	1 1/4	$0.55
* TR-21	.001	1600	3/8	1 3/8	.55
MB-22	.002	1600	3/8	1 1/4	.55
MB-23	.003	1600	3/8	1 1/4	.55
MB-24	.004	1600	3/8	1 1/4	.55
MB-25	.005	1600	7/16	1 1/4	.55
MB-26	.006	1600	7/16	1 1/4	.55
MB-27	.007	1600	7/16	1 1/4	.55
MB-275	.0075	1600	7/16	1 1/4	.55
MB-28	.008	1600	1/2	1 1/2	.60
MB-11	.01	1600	1/2	1 1/2	.60
MB-115	.015	1600	7/16	1 1/2	.60
MB-12	.02	1600	5/8	1 7/8	.60
MB-13	.03	1600	5/8	1 7/8	.60
*TR-14	.04	1600	11/16	2 7/8	.70
* TR-15	.05	1600	3/4	2 1/8	.70
*TR-215	2 x .015	1600	3/4	2	.80

* Supplied in waxed cardboard units pending completion of molds.

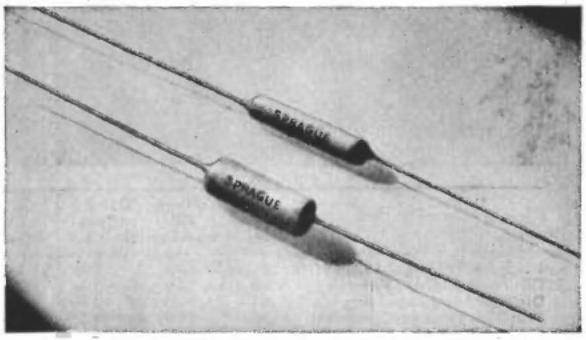
TYPE TVM — 6 AND 10 KV

TVM-356	.0005	6000	1/2	1 1/2	$1.35
TVM-216	.001	6000	1/2	1 1/2	1.35
TVM-256	.005	6000	5/8	1 7/8	1.35
TVM-351	.0005	10000	5/8	1 7/8	1.50

SPRAGUE 68P MIDGET* TUBULARS WHERE SPACE IS AT A PREMIUM

Sprague 68P type capacitors are the ultimate in extra small paper tubular capacitors. These midget capacitors are especially designed for miniature radio applications where space saving is a prime factor. These units are of fundamentally new engineering design and construction. The outstanding humidity performance which these capacitors exhibit is a result of this new construction.

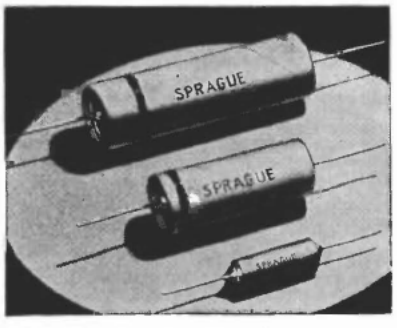
* Trade Mark



Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
68P26	.001	600	1/4	11/16	$0.35
68P27	.002	600	1/4	11/16	.35
68P28	.003	600	9/32	11/16	.35
68P29	.004	600	9/32	13/16	.35
68P30	.005	600	9/32	13/16	.40
68P31	.006	600	5/16	13/16	.40
68P32	.008	600	5/16	1	.40
68P33	.01	600	5/16	1	.45
68P34	.02	600	11/32	1	.50
68P35	.05	600	11/32	1 1/8	.55
68P36	.1	600	5/8	1 1/8	.70
68P40	.2	600	5/8	1 11/16	.80
68P37	.25	600	5/8	2	.80
68P1	.001	400	1/4	11/16	.35
68P3	.003	400	1/4	11/16	.35
68P4	.004	400	1/4	11/16	.35
68P5	.005	400	1/4	13/16	.35
68P6	.005	400	1/4	13/16	.35
68P8	.01	400	5/16	13/16	.40
68P9	.02	400	5/16	1	.45
68P10	.05	400	11/32	1	.50
68P21	.1	400	11/32	1 1/8	.65
68P38	.2	400	5/8	1 1/8	.70
68P22	.25	400	5/8	1 3/8	.75
68P23	.5	400	5/8	2 5/16	.85
68P11	.005	200	1/4	11/16	.35
68P12	.006	200	1/4	11/16	.35
68P14	.01	200	9/32	13/16	.40
68P15	.02	200	9/32	13/16	.45
68P16	.05	200	5/16	1	.50
68P17	.1	200	11/32	1	.60
68P18	.2	200	15/32	1 1/8	.65
68P24	.25	200	17/32	1 1/8	.70
68P25	.5	200	5/8	1 3/8	.80
68P19	.25	100	15/32	1 1/8	.70
68P20	.5	100	5/8	1 1/8	.80

SPRAGUE CAPACITORS

SPRAGUE PX
HERMETICALLY-SEALED OIL-IMPREGNATED METAL TUBULARS, 600V AND 1000V DC



Here is your answer to every need calling for higher-voltage tubular capacitors in the smallest possible size for real dependability under difficult operating conditions. Sprague Type PX Capacitors consist of specially wound sections, impregnated with an exclusive Sprague oil and hermetically sealed in metal containers for long trouble-free service. Each unit is supplied with an external sleeve to insulate it from the chassis and other metal parts. Mounting may be made by means of the tinned copper leads 2½" long, or by standard Sprague Mounting straps (see Hardware page P-62).

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
PX-316	.0001	600	½	1¼	$0.95
PX-3256	.00025	600	½	1¼	.95
PX-356	.0005	600	½	1¼	.95
PX-216	.001	600	½	1¼	.95
PX-226	.002	600	½	1¼	.95
PX-236	.003	600	½	1¼	.95
PX-246	.004	600	½	1¼	.95
PX-256	.005	600	½	1¼	.95
PX-266	.006	600	½	1¼	.95
PX-276	.007	600	½	1¼	.95
PX-286	.008	600	½	1¼	.95
PX-296	.009	600	½	1¼	.95
PX-116	.01	600	½	1¼	.95
PX-126	.02	600	½	1¾	1.05
PX-136	.03	600	⅝	1⅝	1.10
PX-146	.04	600	⅝	1⅝	1.10
PX-156	.05	600	⅝	1⅝	1.10
PX-166	.06	600	11/16	1⅝	1.20
PX-186	.08	600	11/16	1⅞	1.20
PX-16	.1	600	11/16	1⅞	1.25
PX-26	.25	600	13/16	2 13/16	1.70
PX-56	.5	600	1 1/16	2 13/16	2.20
PX-106	1.0	600	1 1/16	3 11/16	3.00
PX-311	.0001	1000	11/16	1¼	1.10
PX-3251	.00025	1000	11/16	1¼	1.10
PX-351	.0005	1000	11/16	1¼	1.10
PX-211	.001	1000	11/16	1¼	1.10
PX-221	.002	1000	11/16	1¼	1.10
PX-231	.003	1000	11/16	1¼	1.10

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
PX-241	.004	1000	11/16	1¼	1.10
PX-251	.005	1000	11/16	1¼	1.10
PX-261	.006	1000	11/16	1¼	1.10
PX-271	.007	1000	11/16	1¼	1.10
PX-281	.008	1000	11/16	1¼	1.10
PX-291	.009	1000	11/16	1¼	1.10
PX-111	.01	1000	11/16	1¼	1.10
PX-121	.02	1000	⅝	1⅝	1.20
PX-131	.03	1000	11/16	1¾	1.20
PX-141	.04	1000	11/16	1¾	1.20
PX-151	.05	1000	11/16	1¾	1.30
PX-161	.06	1000	1 1/16	2	1.35
PX-181	.08	1000	1 1/16	2	1.40
PX-11	.1	1000	1 1/16	2	1.50
PX-21	.25	1000	1 1/16	2 13/16	2.00
PX-51	.5	1000	1 1/16	3 11/16	2.85
PX-2215	.002	1500	⅝	1¼	1.20
PX-2515	.005	1500	⅝	1¼	1.20
PX-1115	.01	1500	11/16	1⅝	1.20
PX-1215	.02	1500	11/16	1⅝	1.30
PX-352	.0005	2000	13/16	1⅜	1.25
PX-212	.001	2000	13/16	1⅜	1.25
PX-252	.005	2000	13/16	1⅜	1.25
PX-262	.006	2000	13/16	1¾	1.25
PX-2752	.0075	2000	13/16	1¾	1.25
PX-112	.01	2000	13/16	1¾	1.25
PX-122	.02	2000	13/16	2⅛	1.35
PX-132	.03	2000	13/16	2⅛	1.40
PX-142	.04	2000	13/16	2½	1.40
PX-152	.05	2000	13/16	2½	1.45

SPRAGUE AR & LR AUTO GENERATOR AND VIBRATOR TYPES

Exceptionally sturdy design to withstand the bouncing and vibration of automobile use is a feature of these Automobile Generator and Vibrator types. They are oil-impregnated and metal-encased for long service under difficult conditions of heat and humidity.

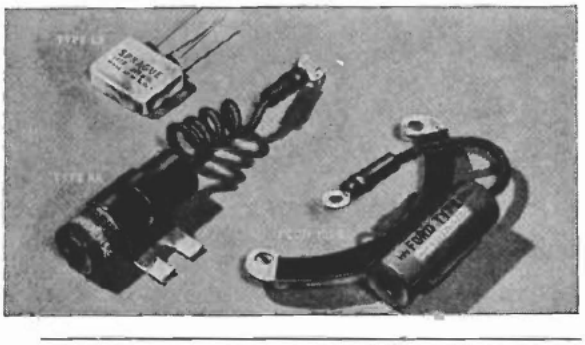
The Ford Type has a special mounting bracket to accommodate cars of this make. All units are conservatively rated, and designed to withstand high surge voltages. Full capacity-true voltage ratings.

AR (GENERATOR TYPES)

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
AR-1	1.0	400	1	2 3/16	$0.90
AR-2	.5	400	11/16	1⅛	.65
AR-25	.5—.5	400	1	2 3/16	1.00
AR-Ford	.5	400	11/16	1⅞	.85

LR (VIBRATOR TYPES)

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	Dimensions R	List Price
LR-11	.01	1600	¼	⅞	1 1/16	$0.80
LR-12	.02	1600	¼	⅞	1 1/16	.80
LR-27	.007	1600	¼	⅞	1 1/16	.80



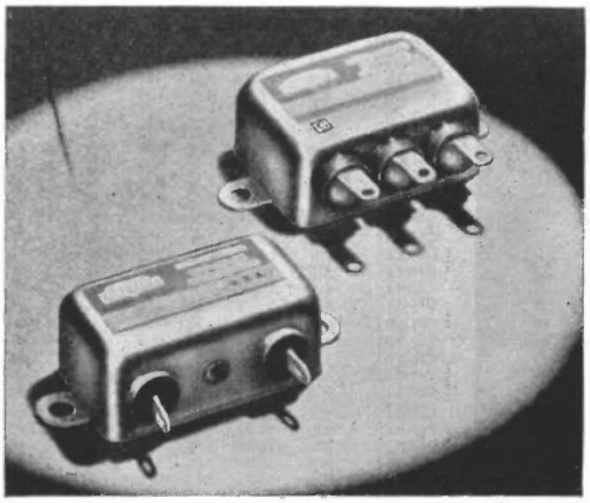
SPRAGUE SPECIAL AUTOMOBILE TYPES

Designed for special automobile services as indicated in the table, the Sprague capacitors listed at the right are equipped with suitable mounting features.

Catalog No.	Mfd.	Voltage DC working	Dimensions D	Dimensions L	List Price
DL-1—Dome Light Filter	.2	200	1	2 3/16	$1.10
GG-5—Gas Gauge Filter	.05	200	7/16	1 7/32	.50
OG-50—Oil Gauge Filter	.25	200	11/16	1⅞	.60
P-2077—Ford Replacement	.5	200	11/16	1⅞	.65
P-3402—Ammeter Capacitor	.5	200	11/16	2	.65
P-2153—Motorola Replacement	.0008-.0008	1000	¾	1⅜	.65

SPRAGUE CAPACITORS

SPRAGUE BP METAL-ENCASED BATHTUB UNITS (WITH SIDE TERMINALS)



These popular units are styled for use where the most severe conditions of heat and moisture must be met. They are oil impregnated and filled with KVO*. Mounting flanges or ears are integral parts of the containers.

* Trademark applied for.

Catalog No.	Mfd.	Voltage DC working	Dimensions L	W	H	List Price
BP-1	.1	400	1 13/16	1	¾	$1.75
BP-25	.25	400	1 13/16	1	¾	2.00
BP-50	.5	400	1 15/16	1	⅞	2.15
BP-10	1.0	400	2	1 ¾	⅞	2.60
BP-21	.1-.1	400	1 13/16	1	¾	2.75
BP-225	.25-.25	400	1 13/16	1	⅞	3.00
BP-250	.5-.5	400	2	1 ¾	⅞	3.50
BP-31	.1-.1-.1	400	1 13/16	1	¾	3.40
BP-56	.05	600	1 13/16	1	¾	2.60
BP-16	.1	600	1 13/16	1	¾	2.65
BP-256	.25	600	1 13/16	1	¾	2.80
BP-506	.5	600	1 15/16	1	⅞	3.00
BP-106	1.0	600	2	1 ¾	⅞	3.40
BP-206	2.0	600	2	2	1 ⅛	4.55
BP-2056	.05-.05	600	1 13/16	1	¾	3.30
BP-216	.1-.1	600	1 13/16	1	¾	3.35
BP-2256	.25-.25	600	1 13/16	1	⅞	3.40
BP-2506	.5-.5	600	2	1 ¾	⅞	3.90
BP-116	1.0-1.0	600	2	2	1 ⅛	4.80
BP-316	.1-.1-.1	600	1 13/16	1	¾	3.80
BP-3256	.25-.25-.25	600	2	1 ¾	⅞	4.30
BP-356	.5-.5-.5	600	2	2	1 ⅛	5.20
BP-51	.05	1000	1 13/16	1	¾	2.75
BP-11	.1	1000	1 13/16	1	¾	2.85
BP-251	.25	1000	1 13/16	1	¾	2.95
BP-501	.5	1000	2	1 ¾	⅞	3.20
BP-101	1.0	1000	2	2	1 ⅛	4.00
BP-2051	.05-.05	1000	1 13/16	1	¾	3.50
BP-211	.1-.1	1000	1 13/16	1	¾	3.60
BP-2251	.25-.25	1000	2	1 ¾	⅞	3.80
BP-2501	.5-.5	1000	2	2	1 ⅛	4.95
BP-311	.1-.1-.1	1000	1 13/16	1	⅞	4.15
BP-3251	.25-.25-.25	1000	2	2	1 ⅛	5.00

SPRAGUE OT POPULAR, INEXPENSIVE ROUND CAN TRANSMITTING TYPES, 600V TO 3000V

Catalog No.	Mfd.	Voltage DC working	Dimensions D	L	R	List Price
OT-26	2	600	2	2 19/32	1 ¼	$4.95
OT-11	1	1000	2	2 15/32	1 ¼	4.20
OT-21	2	1000	2	3 9/32	1 ¼	5.70
OT-41	4	1000	2	5 3/32	1 ¼	7.25
OT-515	0.5	1500	2	2 15/32	1 ¼	4.55
OT-115	1	1500	2	2 21/32	1 ¼	5.30
OT-215	2	1500	2	4 15/32	1 ¼	7.25
OT-12	1	2000	2	4 3/16	1 ¼	6.85
OT-22	2	2000	2 ½	4 15/32	1 ½	7.60
OT-13	1	3000	2 ½	4 23/32	1 ½	13.75

Long a favorite with amateurs, broadcasters, etc., throughout the world. Impregnated and filled with KVO*. Rated to conform with tube and circuit design requirements. As with other Sprague high-voltage transmitting types, each unit is equipped with ceramic terminals and LIFEGUARD Safety Caps. Mounting clamp is provided. Unconditionally guaranteed when used as specified.

*Trademark applied for.

OTHER SPRAGUE TYPES

SPRAGUE, largest supplier of capacitors to the television and electronic industry, manufactures many other designs of capacitors in addition to those shown here.

The most popular types for industrial and laboratory applications are shown in Sprague Products' 40-page Industrial Catalog No. C-551, available through Sprague Distributors Everywhere, or directly from Sprague upon letterhead request. In this catalog are listed such Sprague developments as PROKAR* high-temperature capacitors, carrier-current coupling capacitors, Vitamin Q* fluorescent lamp capacitors, high-voltage Vitamin Q* capacitors, resonant paper capacitors, etc.

* Trade Mark Reg. U. S. Patent Office.

SPRAGUE PRODUCTS COMPANY
North Adams, Mass.
(Distributors' Division of the Sprague Electric Company)

SPRAGUE CAPACITORS

OIL-FILLED TRANSMITTING CAPACITORS

Filled with

KVO

(KILO-VOLT-OIL — The Sprague wartime research oil development)

SPRAGUE CR

(With Universal Mounting Feature)

An oil-filled transmitting capacitor is no better than the oil with which it is filled—and Sprague brings you the best! KVO*—Kilo Volt Oil—is the result of extensive laboratory research and engineering tests and has proved its excellence throughout the world during the war in capacitors used on practically every type of equipment. KVO retains its dielectric efficiency at low temperatures to a greater extent than any other type of oil in common use. High insulation resistance and low power factor are maintained over a very broad range of operating temperatures. Oil-filled capacitors are essential for high-voltage use, and you can rely upon Sprague KVO units under all conditions. Terminals are insulated from the cans for AT LEAST TWICE the working voltage. Capacitor sections are hermetically sealed in sturdy rectangular metal cans which can be automatically grounded through the mounting clamps.

For special industrial applications, where extremely high insulation resistance requirements must be met, Sprague can supply special dielectric materials.

CR Capacitors are of convenient rectangular shape and have handy adjustable universal flanges for mounting in any position. Each unit is labelled with operating information based on industry standards and, in accordance with Sprague custom, ALL RATINGS ARE CONSERVATIVE. No need to "play safe" by buying most costly, higher-voltage transmitting capacitors than you actually need.

Unconditionally guaranteed against breakdown when used as specified.

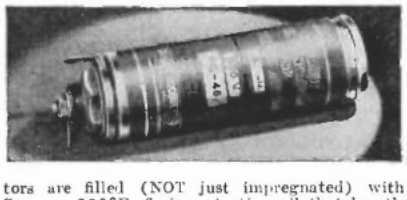
*Trademark applied for.

Catalog No.	Mfd.	Voltage DC working	Dimensions T	W	L	List Price
CR-056	.5	600	1 1/16	1 13/16	2 1/4	$4.15
CR-16	1.0	600	1 1/16	1 13/16	2 1/4	5.30
CR-26	2.0	600	1 1/16	1 13/16	2 7/8	6.45
CR-36	3.0	600	1 1/16	1 13/16	3 1/4	7.60
CR-46	4.0	600	1 3/16	2 1/2	3 1/2	8.35
CR-66	6.0	600	1 3/16	2 1/2	4 3/4	10.25
CR-86	8.0	600	1 1/4	3 3/4	3 7/8	12.15
CR-106	10.0	600	1 1/4	3 3/4	4 3/4	13.65
CR-011	.1	1000	1 1/16	1 13/16	1 5/8	3.80
CR-0251	.25	1000	1 1/16	1 13/16	2 1/4	4.15
CR-051	.5	1000	1 1/16	1 13/16	2 1/4	4.55
CR-11	1.0	1000	1 1/16	1 13/16	2 1/4	5.70
CR-21	2.0	1000	1 1/16	1 13/16	3 7/8	7.60
CR-41	4.0	1000	1 3/8	2 1/2	4 3/4	9.50
CR-81	8.0	1000	1 1/4	3 3/4	4 3/4	13.65
CR-101	10.0	1000	1 3/4	3 3/4	4 3/4	15.20
CR-121	12.0	1000	2 1/4	3 3/4	4 1/2	16.45
CR-151	15.0	1000	2 1/2	3 3/4	4 3/4	18.25
CR-0515	.5	1500	1 1/16	1 13/16	2 7/8	5.70
CR-115	1.0	1500	1 1/16	1 13/16	3 7/8	6.85
CR-215	2.0	1500	1 3/8	2 1/2	4 1/4	9.50
CR-415	4.0	1500	1 1/4	3 3/4	4 3/4	12.65
CR-515	5.0	1500	1 1/4	3 3/4	4 3/4	13.65
CR-815	8.0	1500	2 1/2	3 3/4	4 3/4	19.00
CR-1015	10.0	1500	3 3/8	3 3/4	4 3/4	22.80
CR-012	.1	2000	1 3/8	2 1/2	2 1/2	6.05
CR-0252	.25	2000	1 3/8	2 1/2	2 1/2	6.45
CR-052	.5	2000	1 3/8	2 1/2	2 7/8	6.85
CR-12	1.0	2000	1 3/8	2 1/2	3 1/2	8.35
CR-22	2.0	2000	1 1/4	3 3/4	4 1/4	9.85
CR-32	3.0	2000	1 1/4	3 3/4	4 3/4	12.15
CR-42	4.0	2000	2 1/4	3 3/4	3 7/8	13.65
CR-62	6.0	2000	3 3/8	3 3/4	4 1/2	17.85
CR-102	10.0	2000	4 9/8	3 3/4	4 3/4	27.85
CR-0125	.1	2500	1 3/8	2 1/2	2 1/2	9.35
CR-0525	.5	2500	1 1/4	3 3/4	3 1/4	10.65
CR-125	1.0	2500	1 3/4	3 3/4	3 1/4	12.15
CR-225	2.0	2500	1 3/4	3 3/4	4 3/4	19.60
CR-425	4.0	2500	4 9/8	3 3/4	4 3/8	27.20
CR-013	.1	3000	1 3/8	2 1/2	2 1/2	12.65
CR-0253	.25	3000	1 3/8	2 1/2	2 7/8	13.65
CR-053	.5	3000	1 3/8	2 1/2	4 1/4	15.20
CR-13	1.0	3000	2 1/4	3 3/4	3 7/8	18.25
CR-23	2.0	3000	3 3/8	3 3/4	4 1/2	22.80
CR-43	4.0	3000	4 9/8	3 3/4	4 3/4	33.40
CR-014	.1	4000	2 1/4	3 3/4	2 3/4	22.80
CR-0254	.25	4000	2 1/4	3 3/4	2 3/4	24.05
CR-054	.5	4000	2 1/4	3 3/4	3 7/8	27.20
CR-14	1.0	4000	2 1/4	3 3/4	5 1/8	33.40
CR-24	2.0	4000	4 9/8	3 3/4	5 1/8	42.40
CR-025	.2	5000	1 3/4	3 3/4	3 7/8	27.20
CR-055	.5	5000	2 1/4	3 3/4	4 1/2	30.40
CR-15	1.0	5000	4 3/8	3 3/4	4 3/8	38.00
CR-25	2.0	5000	4 3/8	3 3/4	6	48.60
CR-0160	.1	6000	2 1/4	3 3/4	3 3/8	30.40
CR-0260	.2	6000	1 3/4	3 3/4	4 1/4	38.00
CR-160	1.0	6000	4 9/16	3 3/4	7 1/2	75.95
CR-0175	.1	7500	2 1/4	3 3/4	3 7/8	43.05
CR-0275	.2	7500	1 3/4	3 3/4	4 3/4	45.60

FREE! LIFEGUARD PROTECTIVE CAPS

Don't run any chance of getting hold of a "hot one!" Each Sprague Type KVO Capacitor comes to you equipped with the famous Sprague 'Lifeguard' Protective Insulating Caps at no extra charge. They afford maximum protection at all times.

BUY LIFEGUARDS FOR YOUR OLD CAPACITORS
LG-1—List price per pair, 30¢



SPRAGUE PC INVERTED ROUND SCREW CAN TRANSMITTING TYPES, 600V TO 1500V

These popular Sprague TYPE PC inverted round screw can capacitors are filled (NOT just impregnated) with KVO*, the famous Sprague 500°F. flash protection oil that has the added advantage of retaining its dielectric efficiency at low temperatures. The PC Capacitors find a wide field of usefulness in such applications as public address systems, medium-voltage transmitters, television and high-gain amplifiers. THEY ARE RATED CONSERVATIVELY and labelled according to industry standards. Ample safety factor is assured. Units include spade washer and insulating lug to insulate the round metal can containers from the chassis. Ring clamp is available for upright mounting. (See page P-62.)

*Trademark applied for.

Catalog No.	Mfd.	Voltage DC working	Dimensions D	L	List Price
PC-26	2.0	600	1 1/2	2 7/8	$4.15
PC-36	3.0	600	1 1/2	3 1/2	4.95
PC-46	4.0	600	1 1/2	4 1/2	5.70
PC-11	1.0	1000	1 1/2	2 7/8	3.80
PC-21	2.0	1000	1 1/2	4 1/2	4.95
PC-515	0.5	1500	1 1/2	2 3/8	4.55
PC-115	1.0	1500	1 1/2	3 7/8	4.95

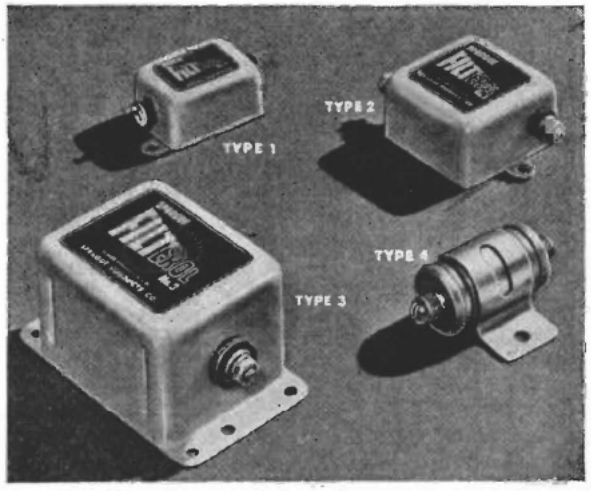
SPRAGUE CAPACITORS

INTERFERENCE FILTERS

Sprague †FILTEROL Radio Interference Filters are a direct outgrowth of highly successful Sprague wartime engineering research, and offer for civilian use a war-tested, practical filter that suppresses man-made radio noises and television "scrambles" on practically any application. They are small, completely self-contained, and easily installed. Applicable to any electrical device within their current and voltage ratings, they provide maximum noise suppression on radio broadcast bands. A study of the Attenuation Curve (available on request) illustrating typical FILTEROL noise suppression performance will show that this surpasses anything normally available in the past.

SPRAGUE FILTEROL TYPES 1, 2 and 3 are designed for connection in series with power supply lines to interference-producing devices. Their basic circuit is a special three-terminal network of which the can is one terminal. The filter selected should have a rating higher than the continuous running current of the device. A single FILTEROL connected in one side of the line is usually sufficient. However, in severe interference cases a FILTEROL in each power line may be necessary. For three-or-four wire systems, a FILTEROL in each wire is necessary.

FILTEROL TYPE 4 is a new, exclusive Sprague invention incorporating a Sprague *HYPASS capacitor and provides exceptionally high attenuation at frequencies above 5MC. It is effective up to 150 MC or more. Intended for all small devices with continuous current ratings up to 20 amperes. Applied by mounting directly on the frame of the device to be filtered, and connecting the power supply line in series through the filter. In severe cases, a FILTEROL may be necessary in each line wire.



SPRAGUE IF TYPES

IF-15—A TRIPLE-SECTION FILTER for all small motor-operated devices. Especially designed to prevent accidental shocks from discharge of filter capacitors.

IF-21—COMPACT DUAL METAL-ENCASED TUBULAR FILTER for use across brushes of fractional horsepower motors with can grounded to motor frame. Also across line terminals of motors.

IF-11—A DUAL HIGH-CAPACITY FILTER with completely enclosed safety construction. Designed for motors over 1 horsepower and up to 220 volts AC or DC. Also used on high-current arcing or sparking devices.

IF-S1—SINGLE 2-LEAD FILTER SECTION with can completely insulated. For use across make-and-break contacts.

IF-37—3-SECTION DELTA-CONNECTED FILTER. Only one IF-37 required for each fluorescent lamp fixture. Also effective on make-and-break governor-type motors.

*Trademark Reg. U.S. Pat. Off.
†Trademark applied for.

RATINGS

SPRAGUE FILTEROL TYPES

			List Price
FILTEROL 1	1 AMP.	115V AC or DC	$4.75
FILTEROL 2	10 AMP.	115V AC or DC	9.75
FILTEROL 3	35 AMP.	115V AC or DC	12.50
FILTEROL 4	20 AMP.	220V AC or DC	2.75

SPRAGUE IF TYPES

		List Price
IF-15	220V AC or DC	$1.90
IF-11	220V AC or DC	4.40
IF-21	220V AC or DC	1.55
IF-S1	220V AC or DC	1.15
IF-37	220V AC or DC	1.50

SPRAGUE MICA CAPACITORS

Twice Tested for R-F Characteristics

Sprague Mica Capacitors provide maximum quality for R-F applications where exacting requirements involving low-power factor and high-insulation resistance at high frequencies must be met. The line includes types for every requirement ranging from the tiny "toothpick" 1FM types to the giant ceramic-jacketed types 4CC. Each type incorporates outstanding developments based on far-reaching Sprague wartime engineering.

Mica units are perhaps the most critical of all capacitor types to produce properly—and it is in the handling of these essential details that Sprague engineering and production excels. Beginning with selection and handling of the mica itself, extreme care is taken in every operation to assure completed units which, although they look like conventional units on the surface, will far surpass ordinary mica capacitors in actual service.

Stocks of raw mica are carefully selected. So critical are Sprague requirements that far more mica is rejected than is actually selected for use. The selected mica is then hand split and each piece electrically graded by exclusive Sprague methods.

Particular care is exercised in the interleaving of section foils and in connecting them to terminals through specially designed low-resistance R-F bonds. Perhaps most important of all is the fact that each and every Sprague Mica Capacitor section receives a painstaking radio frequency test before being encased in its mold. After this test, each section is carefully impregnated and moisture-proofed prior to the molding operation.

Upon completion, all Sprague Mica Capacitors required to carry large R-F currents are actually R-F current tested for their peak ratings. This test combined with thorough testing before molding assures the serviceman, amateur, experimenter or industrial user of units of utmost dependability for any application or any condition of use.

SPRAGUE MS SILVER MICA CAPACITORS

Catalog Nos.	Dimensions L	W	T
MS-55 through MS-35	21/32	13/32	7/32
MS-36 through MS-23	25/32	15/32	9/32
MS-24 through MS-28	29/32	23/32	11/32
MS-29 through MS-11	1	5/8	5/16

Standard Capacity Tolerance ±5%

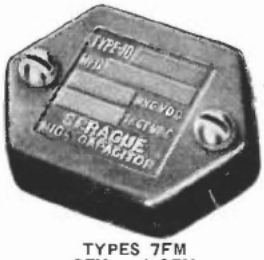
Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
MS-55	.000005	500	1000	$0.45
MS-41	.00001	500	1000	.40
MS-415	.000015	500	1000	.40
MS-42	.00002	500	1000	.40
MS-425	.000025	500	1000	.40
MS-43	.00003	500	1000	.40
MS-44	.00004	500	1000	.40
MS-45	.00005	500	1000	.40
MS-46	.00006	500	1000	.40
MS-47	.00007	500	1000	.40
MS-31	.0001	500	1000	.40
MS-32	.0002	500	1000	.45
MS-33	.0003	500	1000	.55
MS-34	.0004	500	1000	.65
MS-35	.0005	500	1000	.70
MS-36	.0006	500	1000	.80
MS-37	.0007	500	1000	.85
MS-38	.0008	500	1000	.95
MS-39	.0009	500	1000	1.00
MS-21	.001	500	1000	1.10
MS-22	.002	500	1000	1.35
MS-23	.003	500	1000	2.05
MS-24	.004	500	1000	2.15
MS-25	.005	500	1000	2.25
MS-26	.006	500	1000	2.40
MS-27	.007	300	600	2.60
MS-28	.008	300	600	2.80
MS-29	.009	300	600	3.10
MS-11	.01	300	600	3.40

SPRAGUE CAPACITORS

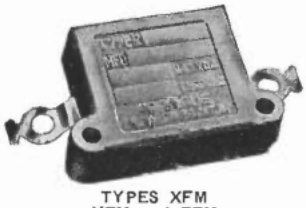
MICA TYPES
(continued)

TYPES MS
and 1FM

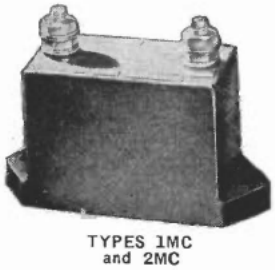
TYPES 3AFM
3BFM and 3CFM



TYPES 7FM
8FM and 9FM



TYPES XFM
YFM and ZFM



TYPES 1MC
and 2MC

SPRAGUE 1FM

STANDARD CAPACITY TOLERANCE ±20%

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
1FM-44	.00004	500	1000	$0.20
1FM-45	.00005	500	1000	.20
1FM-475	.000075	500	1000	.20
1FM-31	.0001	500	1000	.20
1FM-315	.00015	500	1000	.20
1FM-32	.0002	500	1000	.20
1FM-325	.00025	500	1000	.25
1FM-335	.00035	500	1000	.25
1FM-34	.0004	500	1000	.25
1FM-35	.0005	500	1000	.25
1FM-37	.0007	500	1000	.25
1FM-21	.001	500	1000	.30
1FM-215	.0015	500	1000	.30
1FM-22	.002	500	1000	.40
1FM-23	.003	500	1000	.50
1FM-24	.004	500	1000	.55
1FM-25	.005	500	1000	.60
1FM-26	.006	500	1000	.75
1FM-27	.007	300	600	.90
1FM-28	.008	300	600	1.00
1FM-29	.009	300	600	1.00
1FM-11	.01	300	600	1.20

Catalog Nos.	Dimensions L	W	T
1FM-44 through 1FM-35	31/64	15/32	7/32
1FM-37 through 1FM-23	33/64	33/64	9/32
1FM-24 through 1FM-28	33/64	33/64	11/32
1FM-29 through 1FM-11	1	5/8	5/16

SPRAGUE 3AFM 3BFM & 3CFM

STANDARD CAPACITY TOLERANCE ±10%

3AFM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
3AFM-25	.005	300	600	$0.60
3AFM-26	.006	300	600	.75
3AFM-27	.007	300	600	.90
3AFM-28	.008	300	600	1.00
3AFM-11	.01	300	600	1.20
3AFM-115	.015	300	600	1.00

3BFM

3BFM-31	.0001	500	1000	.20
3BFM-32	.0002	500	1000	.20
3BFM-325	.00025	500	1000	.25
3BFM-33	.0003	500	1000	.25
3BFM-34	.0004	500	1000	.25
3BFM-35	.0005	500	1000	.25
3BFM-21	.001	500	1000	.30
3BFM-215	.0015	500	1000	.30
3BFM-22	.002	500	1000	.40
3BFM-225	.0025	500	1000	.45
3BFM-23	.003	500	1000	.50
3BFM-24	.004	500	1000	.55
3BFM-25	.005	500	1000	.60
3BFM-26	.006	500	1000	.75
3BFM-27	.007	500	1000	.90
3BFM-28	.008	500	1000	1.00

3CFM

3CFM-45	.00005	1000	2000	.60
3CFM-31	.0001	1000	2000	.60
3CFM-32	.0002	1000	2000	.60
3CFM-325	.00025	1000	2000	.60
3CFM-33	.0003	1000	2000	.70
3CFM-34	.0004	1000	2000	.70
3CFM-35	.0005	1000	2000	.70
3CFM-21	.001	1000	2000	.75
3CFM-215	.0015	1000	2000	.80
3CFM-22	.002	1000	2000	.80
3CFM-225	.0025	1000	2000	.80

Catalog Nos.	Dimensions L	W	T
3AFM Types	1	5/8	3/16
3BFM Types	1	5/8	3/16
3CFM Types	1	5/8	3/16

SPRAGUE 7FM 8FM & 9FM

STANDARD CAPACITY TOLERANCE ±10%

7FM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
7FM-45	.00005	600	1200	$0.85
7FM-31	.0001	600	1200	.85
7FM-315	.00015	600	1200	.85
7FM-32	.0002	600	1200	.85
7FM-325	.00025	600	1200	.85
7FM-35	.0005	600	1200	.85
7FM-21	.001	600	1200	.85
7FM-22	.002	600	1200	.90
7FM-225	.0025	600	1200	1.00
7FM-23	.003	600	1200	1.20
7FM-24	.004	600	1200	1.20
7FM-25	.005	600	1200	1.20
7FM-26	.006	600	1200	1.40
7FM-28	.008	600	1200	1.65
7FM-11	.01	600	1200	1.95
7FM-115	.015	600	1200	2.25
7FM-12	.02	600	1200	2.60
7FM-13	.03	600	1200	3.45
7FM-14	.04	600	1200	4.50
7FM-15	.05	600	1200	5.35
7FM-16	.06	600	1200	6.20

Catalog Nos.	Dimensions L	W	T
7FM-45 through 7FM-13	1 3/4	1 5/16	7/16
7FM-14 through 7FM-16	1 3/4	1 5/16	3/4

8FM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
8FM-45	.00005	1200	2500	$1.00
8FM-31	.0001	1200	2500	1.00
8FM-315	.00015	1200	2500	1.00
8FM-32	.0002	1200	2500	1.00
8FM-325	.00025	1200	2500	1.00
8FM-35	.0005	1200	2500	1.00
8FM-21	.001	1200	2500	1.25
8FM-22	.002	1200	2500	1.90
8FM-225	.0025	1200	2500	2.00
8FM-23	.003	1200	2500	2.20
8FM-24	.004	1200	2500	2.20
8FM-25	.005	1200	2500	2.40
8FM-26	.006	1200	2500	2.40
8FM-28	.008	1200	2500	3.10
8FM-11	.01	1200	2500	3.90
8FM-115	.015	1200	2500	4.65
8FM-12	.02	1200	2500	5.45
8FM-125	.025	1200	2500	6.10
8FM-13	.03	1200	2500	6.40

Catalog Nos.	Dimensions L	W	T
8FM-45 through 8FM-115	1 3/4	1 5/16	7/16
8FM-12 through 8FM-13	1 3/4	1 5/16	3/4

9FM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
9FM-45	.00005	2500	5000	$1.25
9FM-31	.0001	2500	5000	1.25
9FM-325	.00025	2500	5000	1.50
9FM-35	.0005	2500	5000	1.70
9FM-21	.001	2500	5000	2.05
9FM-22	.002	2500	5000	3.10
9FM-225	.0025	2500	5000	3.45
9FM-23	.003	2500	5000	3.80
9FM-24	.004	2500	5000	4.35
9FM-25	.005	2500	5000	4.70
9FM-26	.006	2500	5000	4.85
9FM-28	.008	2500	5000	5.30
9FM-11	.01	2500	5000	5.70
9FM-115	.015	2500	5000	6.20

Catalog Nos.	Dimensions L	W	T
9FM-45 through 9FM-26	1 3/4	1 5/16	7/16
9FM-28 through 9FM-115	1 3/4	1 5/16	3/4

SPRAGUE CAPACITORS

SPRAGUE XFM YFM & ZFM

STANDARD CAPACITY TOLERANCE ±10%

(See Photos, Page P-59.)

XFM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
XFM-45	.00005	600	1200	$0.70
XFM-31	.0001	600	1200	.70
XFM-32	.0002	600	1200	.70
XFM-325	.00025	600	1200	.70
XFM-33	.0003	600	1200	.70
XFM-34	.0004	600	1200	.70
XFM-35	.0005	600	1200	.70
XFM-21	.001	600	1200	.70
XFM-215	.0015	600	1200	.70
XFM-22	.002	600	1200	.80
XFM-225	.0025	600	1200	.90
XFM-23	.003	600	1200	1.00
XFM-24	.004	600	1200	1.00
XFM-25	.005	600	1200	1.00
XFM-26	.006	600	1200	1.20
XFM-27	.007	600	1200	1.30
XFM-28	.008	600	1200	1.40
XFM-11	.01	600	1200	1.60
XFM-12	.02	600	1200	2.20
XFM-13	.03	600	1200	2.95

Catalog Nos.	Dimensions L	W	T
XFM-45 through XFM-11	1 5/8	1 1/8	11/32
XFM-12 through XFM-13	1 5/8	1 1/8	7/16

YFM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
YFM-45	.00005	1200	2500	$1.00
YFM-31	.0001	1200	2500	1.00
YFM-32	.0002	1200	2500	1.00
YFM-325	.00025	1200	2500	1.00
YFM-33	.0003	1200	2500	1.00
YFM-34	.0004	1200	2500	1.00
YFM-35	.0005	1200	2500	1.00
YFM-21	.001	1200	2500	1.25
YFM-215	.0015	1200	2500	1.60
YFM-22	.002	1200	2500	1.90
YFM-225	.0025	1200	2500	2.00
YFM-23	.003	1200	2500	2.10
YFM-24	.004	1200	2500	2.10
YFM-25	.005	1200	2500	2.40
YFM-26	.006	1200	2500	2.40
YFM-27	.007	1200	2500	2.75
YFM-28	.008	1200	2500	3.10
YFM-11	.01	1200	2500	3.90

Catalog Nos.	Dimensions L	W	T
YFM-45 through YFM-24	1 5/8	1 1/8	11/32
YFM-25 through YFM-11	1 5/8	1 1/8	7/16

ZFM

Catalog No.	Mfd.	—DC Voltage— Working	Test	List Price
ZFM-45	.00005	2500	5000	$1.25
ZFM-31	.0001	2500	5000	1.25
ZFM-32	.0002	2500	5000	1.40
ZFM-325	.00025	2500	5000	1.50
ZFM-33	.0003	2500	5000	1.55
ZFM-34	.0004	2500	5000	1.65
ZFM-35	.0005	2500	5000	1.70
ZFM-21	.001	2500	5000	2.05
ZFM-215	.0015	2500	5000	2.70
ZFM-22	.002	2500	5000	3.10
ZFM-23	.003	2500	5000	3.80
ZFM-24	.004	2500	5000	4.35
ZFM-25	.005	2500	5000	4.70

Catalog Nos.	Dimensions L	W	T
ZFM-45 through ZFM-22	1 5/8	1 1/8	11/32
ZFM-23 through ZFM-25	1 5/8	1 1/8	7/16

SPRAGUE 1MC & 2MC

STANDARD CAPACITY TOLERANCE ±5%

(See Photos, Page P-59.)

1MC

Catalog No.	Mfd.	Voltage AC Peak	List Price
1MC-45	.00005	3000	$10.80
1MC-31	.0001	3000	10.80
1MC-315	.00015	3000	10.80
1MC-32	.0002	3000	10.80
1MC-325	.00025	3000	10.80
1MC-33	.0003	3000	10.80
1MC-34	.0004	3000	10.80
1MC-35	.0005	3000	10.80
1MC-36	.0006	3000	10.80
1MC-37	.0007	3000	10.80
1MC-38	.0008	3000	10.80
1MC-21	.001	3000	10.80
1MC-215	.0015	3000	10.80
1MC-22	.002	3000	10.80
1MC-23	.003	2000	10.80
1MC-24	.004	2000	10.80
1MC-25	.005	2000	10.80
1MC-26	.006	2000	10.80
1MC-27	.007	2000	10.80
1MC-28	.008	1500	10.80
1MC-11	.01	1000	10.80
1MC-115	.015	1000	10.80
1MC-12	.02	1000	11.50
1MC-13	.03	500	11.50
1MC-14	.04	500	11.50
1MC-15	.05	250	11.50
1MC-1	.1	250	12.00

Catalog No.	Dimensions L	W	H
1MC	2	15/16	1 13/32

2MC

Catalog No.	Mfd.	Voltage AC Peak	List Price
2MC-45	.00005	5000	$14.40
2MC-31	.0001	5000	14.40
2MC-315	.00015	5000	14.40
2MC-32	.0002	5000	14.40
2MC-325	.00025	5000	14.40
2MC-33	.0003	5000	14.40
2MC-34	.0004	5000	14.40
2MC-35	.0005	5000	14.40
2MC-36	.0006	5000	14.40
2MC-37	.0007	5000	14.40
2MC-38	.0008	5000	14.40
2MC-21	.001	5000	14.40
2MC-215	.0015	5000	14.40
2MC-22	.002	5000	14.40
2MC-23	.003	3000	14.40
2MC-24	.004	3000	14.40
2MC-25	.005	3000	14.40
2MC-26	.006	3000	14.40
2MC-27	.007	3000	14.40
2MC-28	.008	2000	14.40
2MC-11	.01	2000	14.40
2MC-115	.015	2000	14.40
2MC-12	.02	2000	16.00
2MC-13	.03	1500	14.40
2MC-14	.04	1500	14.40
2MC-15	.05	1500	14.50
2MC-16	.06	1000	15.00
2MC-17	.07	1000	15.50
2MC-18	.08	500	16.00
2MC-1	.1	500	16.50

Catalog No.	Dimensions L	W	H
2MC	2 1/4	1 1/4	1 13/32

SPRAGUE 1CC & 2CC

STANDARD CAPACITY TOLERANCE ±5%

(See Photos, Page P-61.)

1CC

Catalog No.	Mfd.	Voltage AC Peak	List Price
1CC-45	.00005	6000	$26.40
1CC-475	.000075	6000	27.75
1CC-31	.0001	6000	28.80
1CC-315	.00015	6000	31.20
1CC-32	.0002	6000	31.20
1CC-325	.00025	6000	31.20
1CC-33	.0003	6000	32.40
1CC-34	.0004	6000	32.40
1CC-35	.0005	6000	32.40
1CC-36	.0006	6000	32.40
1CC-37	.0007	6000	32.40
1CC-38	.0008	6000	32.40
1CC-21	.001	6000	32.40
1CC-215	.0015	6000	33.60
1CC-22	.002	6000	33.60
1CC-23	.003	6000	34.80
1CC-24	.004	6000	34.80
1CC-25	.005	4000	34.80
1CC-26	.006	4000	34.80
1CC-27	.007	4000	34.80
1CC-28	.008	4000	34.80
1CC-11	.01	4000	36.00
1CC-115	.015	3000	36.00
1CC-12	.02	2000	36.00
1CC-125	.025	2000	37.50
1CC-13	.03	1500	39.00
1CC-14	.04	1500	41.00
1CC-15	.05	1500	42.50
1CC-16	.06	1500	44.00
1CC-17	.07	1000	45.00
1CC-18	.08	1000	46.00
1CC-1	.1	1000	48.00

Catalog No.	Dimensions D	H
1CC	2 13/16	2 1/2

2CC

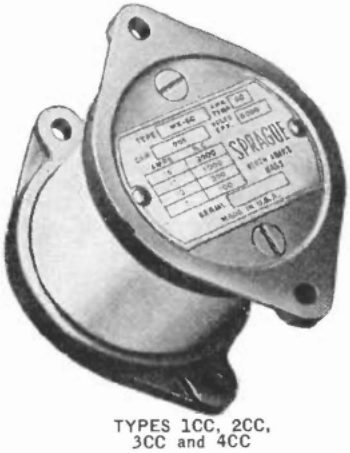
Catalog No.	Mfd.	Voltage AC Peak	List Price
2CC-45	.00005	10000	$48.00
2CC-475	.000075	10000	48.00
2CC-31	.0001	10000	48.00
2CC-315	.00015	10000	45.60
2CC-32	.0002	10000	45.60
2CC-33	.0003	10000	45.60
2CC-34	.0004	10000	45.60
2CC-35	.0005	10000	45.60
2CC-36	.0006	10000	45.60
2CC-37	.0007	10000	45.60
2CC-38	.0008	10000	45.60
2CC-21	.001	10000	45.60
2CC-215	.0015	10000	45.60
2CC-22	.002	10000	45.60
2CC-23	.003	8000	45.60
2CC-24	.004	8000	45.60
2CC-25	.005	6000	48.00
2CC-26	.006	5000	48.00
2CC-27	.007	5000	48.00
2CC-28	.008	5000	48.00
2CC-11	.01	5000	48.00
2CC-115	.015	4000	48.00
2CC-12	.02	3000	48.00
2CC-125	.025	3000	50.00
2CC-13	.03	2000	51.00
2CC-14	.04	2000	54.00
2CC-15	.05	2000	56.00
2CC-16	.06	2000	57.50
2CC-17	.07	1500	59.00
2CC-18	.08	1500	60.00
2CC-1	1	1500	62.50

Catalog No.	Dimensions D	H
2CC	3 1/2	3

SPRAGUE CAPACITORS

MICA TYPES
(continued)

SPRAGUE 3CC-4CC



TYPES 1CC, 2CC, 3CC and 4CC

STANDARD CAPACITY TOLERANCE OF TYPES 3CC AND 4CC IS ±5%.

3CC

Catalog No.	Mfd.	Voltage AC Peak	List Price
3CC-45	.00005	20000	$72.00
3CC-475	.000075	20000	78.00
3CC-31	.0001	20000	80.40
3CC-315	.00015	20000	80.40
3CC-32	.0002	20000	80.40
3CC-33	.0003	20000	80.40
3CC-34	.0004	20000	80.40
3CC-35	.0005	20000	80.40
3CC-36	.0006	20000	80.40
3CC-37	.0007	20000	80.40
3CC-38	.0008	20000	78.00
3CC-21	.001	20000	78.00
3CC-215	.0015	15000	78.00
3CC-22	.002	15000	78.00
3CC-23	.003	12000	78.00
3CC-24	.004	12000	78.00
3CC-25	.005	10000	79.20
3CC-26	.006	10000	82.00
3CC-27	.007	10000	84.00
3CC-28	.008	10000	86.00
3CC-11	.01	8000	90.00
3CC-115	.015	5000	86.00
3CC-12	.02	5000	86.00
3CC-125	.025	3000	79.20
3CC-13	.03	3000	79.20
3CC-14	.04	3000	79.20
3CC-15	.05	3000	79.20
3CC-16	.06	3000	83.00
3CC-17	.07	2000	86.00
3CC-18	.08	2000	90.00
3CC-1	.1	2000	95.00

Catalog No.	Dimensions D	Dimensions H
3CC	5	4

4CC

Catalog No.	Mfd.	Voltage AC Peak	List Price
4CC-31	.0001	30000	$114.00
4CC-315	.00015	30000	123.00
4CC-32	.0002	30000	132.00
4CC-33	.0003	30000	132.00
4CC-34	.0004	30000	132.00
4CC-35	.0005	30000	132.00
4CC-36	.0006	30000	132.00
4CC-37	.0007	30000	126.00
4CC-38	.0008	30000	126.00
4CC-21	.001	30000	126.00
4CC-215	.0015	25000	114.00
4CC-22	.002	20000	114.00
4CC-23	.003	20000	120.00
4CC-24	.004	15000	120.00
4CC-25	.005	15000	138.00
4CC-26	.006	15000	138.00
4CC-27	.007	15000	144.00
4CC-28	.008	12000	144.00
4CC-29	.009	12000	144.00
4CC-11	.01	10000	150.00
4CC-115	.015	8000	144.00
4CC-12	.02	6000	138.00
4CC-13	.03	6000	138.00
4CC-14	.04	5000	144.00
4CC-15	.05	5000	150.00
4CC-16	.06	5000	160.00
4CC-17	.07	4000	165.00
4CC-18	.08	3000	170.00
4CC-1	.1	3000	180.00

Catalog No.	Dimensions D	Dimensions H
4CC	5	5 3/4

SPRAGUE HARDWARE

Sprague Mounting Clamps and Straps provide quick, dependable means for securing a wide variety of capacitors and resistors to a mounting surface. All clamps and straps are made from plated steel.

CMC Vertical Mounting Clamps for Cylindrical Capacitors (Figs. 1 and 2) are ideally suited for vertical or "above chassis" mounting of Sprague Capacitor Types AP, CL, DR, EL, HLV, LM, LS, OT, PC, PLS, RW, SC or other round can units.

The RMC Wrap Around Clamps for Rectangular Capacitors (Fig. 3) are designed for mounting Type CR Capacitors or other rectangular units.

Type TMS Mounting Straps for Tubular Capacitors (Fig. 4) fit any tubular capacitor or resistor having a diameter of between ¾" and 1⅜", inclusive. They may be used with Sprague Types AT, PX, SW, TA, TC, TR, TU, UHC, UT or other tubular units and with Sprague *Koolohm Resistor Types 5KT/5NIT, 10KT/10NIT, 25KT/25NIT, 50KT/50NIT and 120KT/120NIT.

VERTICAL MOUNTING CLAMPS FOR CYLINDRICAL CAPACITORS

Catalog No.	A Diameter	B Mounting Radius	Figure No.	List Price
CMC-12	¾	21/32	1	$0.08
CMC-16	1	25/32	1	.08
CMC-20	1¼	15/16	1	.08
CMC-22	1⅜	63/64	1	.08
CMC-24	1½	1 1/64	1	.12
CMC-28	1¾	1 3/32	1	.14
CMC-32	2	1¼	2	.18
CMC-40	2½	1½	2	.18

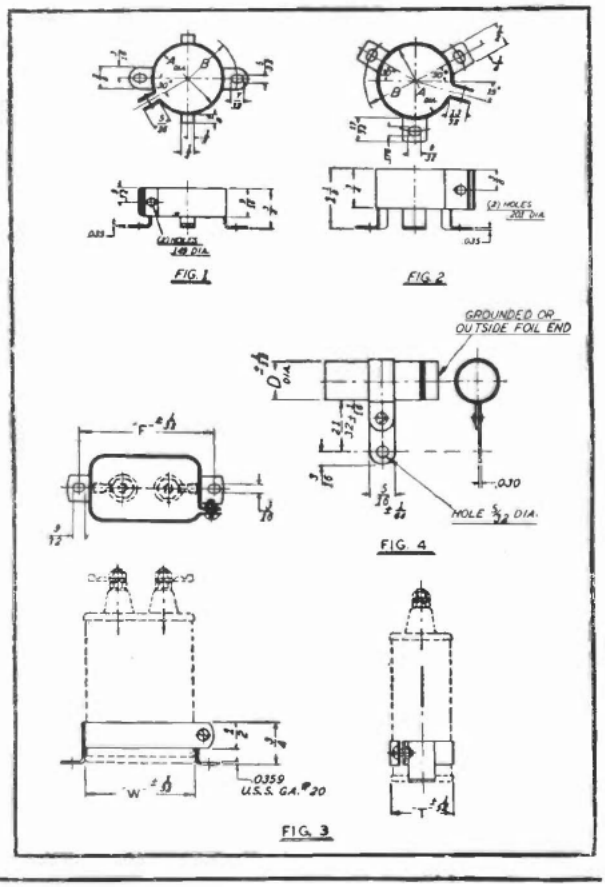
WRAP AROUND CLAMPS FOR RECTANGULAR CAPACITORS

Catalog No.	Dimensions T	Dimensions W	Dimensions F	Figure No.	List Price
RMC-17	1 1/16	1 13/16	2¼	3	$0.20
RMC-19	1 3/16	2½	3	3	.20
RMC-20	1¼	3¾	4⅜	3	.20
RMC-28	1¾	3¾	4⅜	3	.20
RMC-36	2¼	3¾	4⅜	3	.25
RMC-40	2½	3¾	4⅜	3	.25
RMC-51	3 3/16	3¾	4⅜	3	.30
RMC-73	4 9/16	3¾	4⅜	3	.40
RMC-128	8	4	4⅝	3	.50

MOUNTING STRAPS FOR TUBULAR CAPACITORS

Catalog No.	Tube Diameter	Figure No.	List Price	Catalog No.	Tube Diameter	Figure No.	List Price
TMS-4	¼"	4	$0.06	TMS-14	⅞"	4	$0.06
TMS-5	5/16"	4	.06	TMS-15	15/16"	4	.06
TMS-6	3/8"	4	.06	TMS-16	1"	4	.10
TMS-7	7/16"	4	.06	TMS-17	1 1/16"	4	.10
TMS-8	½"	4	.06	TMS-18	1⅛"	4	.10
TMS-9	9/16"	4	.06	TMS-19	1 3/16"	4	.10
TMS-10	5/8"	4	.06	TMS-20	1¼"	4	.15
TMS-11	11/16"	4	.06	TMS-21	1 5/16"	4	.15
TMS-12	¾"	4	.06	TMS-22	1⅜"	4	.15
TMS-13	13/16"	4	.06				

*Trademark Reg. U. S. Pat. Off.



SPRAGUE KOOLOHMS

TRADE-MARK REGISTERED U.S. PAT. OFF.

SPRAGUE

THE RESISTORS WITH THE CERAMIC-COATED WIRE INSULATION

Sprague Koolohm Wire-Wound Resistors are wound with wire that is insulated before it is wound with a flexible, ceramic coating that is impervious to heat as high as 1000° C. In addition, each resistor is doubly protected by a glazed ceramic coating and new type of end seals which guard it effectively against any moisture or other climatic conditions. Ordinary resistors may be designed to provide some degree of "tropicalized" protection at extra cost. STANDARD Koolohms give FULL protection at regular prices!

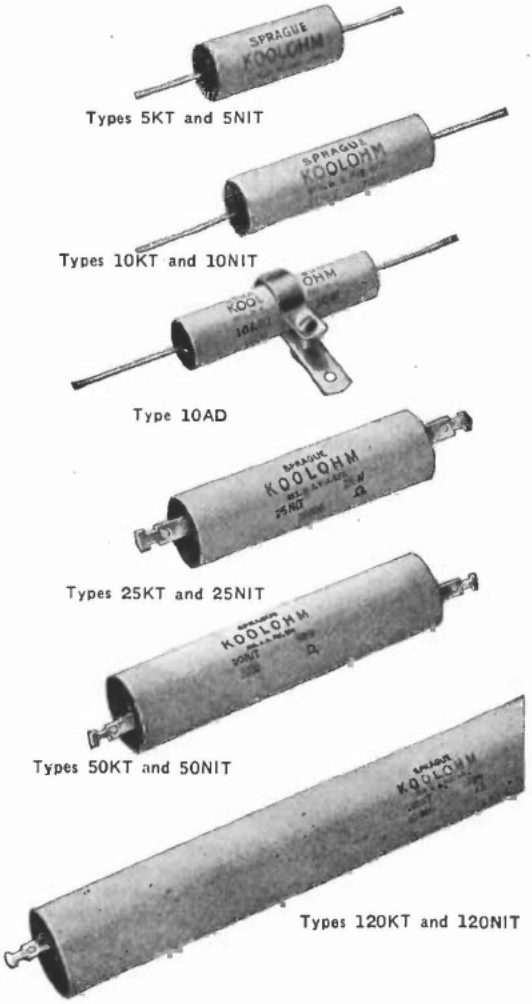
No Other Resistors Have These Features

Because of the complete protection afforded by both their wire insulation and outer ceramic shells, Koolohms may be mounted anywhere, even flat against a chassis or against grounded parts. They can safely be used at full wattage ratings, even on the high-resistance values because of the excellent insulation at high temperatures. No danger of shorts or current leakage! Thanks to their ceramic wire insulation, Koolohms can be wound in layers. This means higher ratings in much smaller physical sizes. Even more important, larger, sturdier wire sizes can be used. Actually, the wire sizes in Koolohm Resistors average 2¼ times greater in cross-sectional area than those in ordinary resistors of the same size!

High Insulation Resistance

Also standard Koolohms have the high insulation resistance to ground required for television and other high-voltage uses—10,000 volts from the surface of their sturdy ceramic jackets to their resistance elements!

The following listings include only the Sprague Koolohm Wire-Wound Resistor types commonly supplied for radio repair service and amateur radio applications. Various other types are also regularly produced in large quantities and to the most exacting standard or special applications. All have been thoroughly proved and tested for the most exacting military, naval and aircraft applications.



Types 5KT and 5NIT

Types 10KT and 10NIT

Type 10AD

Types 25KT and 25NIT

Types 50KT and 50NIT

Types 120KT and 120NIT

STANDARD RESISTANCE TOLERANCE ±5%

5 Watts

$1\frac{7}{32}$" x $\frac{13}{32}$" Diameter
CATALOG TYPES 5KT and 5NIT (Non-Inductive)

List Price 5NIT (Non-Induc.)	Resistance Ohms	Maximum Current M.A.	Maximum Volts	List Price Type 5KT
$0.78	5	1000	5.00	$0.52
.78	10	707	7.07	.52
.78	15	587	8.67	.52
.78	20	500	10	.52
.78	25	446	11	.52
.78	30	406	12	.52
.78	40	354	14	.52
.78	50	316	15	.52
.78	75	258	19	.52
.78	100	224	22	.52
.78	150	183	27	.52
.78	200	158	31	.52
.78	250	141	35	.52
.78	300	129	38	.52
.78	400	112	44	.52
.78	500	100	50	.52
.78	600	91	54	.52
.78	700	84	59	.52
.78	800	79	63	.52
.78	900	74	67	.52
.78	1000	70	70	.52
.91	1250	63	79	.52
.91	1500	57	86	.52
.91	1750	53	93	.52
.91	2000	50	100	.52
.98	2500	44	112	.52
.98	3000	40	123	.52
.98	4000	35	141	.52
1.04	5000	31	158	.52
*	6000	28	173	.54
*	7000	26	187	.54
*	7500	25	194	.54
*	8000	25	200	.54
*	9000	23	212	.54
*	10000	22	224	.54
*	12500	20	250	.60
*	14000	18	265	.60
*	15000	18	274	.60
*	20000	15	333	.66
*	25000	14	354	.84
*	30000	13	387	.90
*	40000	11	447	1.02

* Type KT only.

10 Watts

$1\frac{17}{32}$" x $\frac{13}{32}$" Diameter
CATALOG TYPES 10KT and 10NIT (Non-Inductive)

List Price 10NIT (Non-Induc.)	Resistance Ohms	Maximum Current M.A.	Maximum Volts	List Price Type 10KT
$0.78	5	1414	7.07	$0.59
.78	10	1000	10	.59
.78	15	830	12.3	.59
.78	20	707	14.1	.59
.78	25	630	15.8	.59
.78	30	575	17.4	.59
.78	40	500	20	.59
.78	50	447	22.4	.59
.78	75	365	27.4	.59
.78	100	316	31.6	.59
.78	150	259	38.7	.59
.78	200	223	44.6	.59
.78	250	200	50	.59
.78	300	182	54.7	.59
.78	400	158	63.3	.59
.78	500	141	70.7	.59
.78	600	129	77.6	.59
.78	700	119	84	.59
.78	750	115	86.9	.59
.78	800	112	89.5	.59
.78	900	105	95	.59
.78	1000	100	100	.59
.91	1250	89	112	.59
.91	1500	81	123	.59
.91	1750	75	133	.59
.91	2000	70	143	.59
.98	2500	63	158	.59
.98	3000	57	174	.59
.98	4000	50	200	.59
1.04	5000	44	227	.59
1.04	6000	41	245	.59
1.17	7500	36	275	.59
1.17	8000	35	283	.59
1.17	9000	33	300	.59
1.50	10000	32	316	.59
*	12000	29	346	.65
*	14000	26	384	.65
*	15000	25	400	.65
*	17500	24	419	72
*	20000	21	475	72
*	25000	20	500	4
*	30000	18	555	0
*	40000	16	632	08
*	50000	14	700	20
*	60000	13	780	0
*	70000	12	810	8

SPRAGUE KOOLOHMS

TRADEMARK REGISTERED U.S. PAT. OFF.

SPRAGUE

10 Watts Adjustable†

$1\frac{29}{32}$" x $\frac{15}{32}$" Diameter
CATALOG TYPE No. 10-AD

Resistance Ohms	Maximum Current M.A.	Maximum Volts	List Price
10	1000	10	$0.98
25	630	15.8	.98
50	447	22.4	.98
100	316	31.6	.98
150	259	38.7	.98
200	223	44.6	.98
250	200	50	.98
300	182	54.7	.98
400	158	63.3	.98
500	141	70.7	.98
750	115	86.9	.98
1000	100	100	.98
1500	81	123	.98
2000	70	143	.98
2500	63	158	.98
3000	57	174	.98
4000	50	200	.98
5000	44	227	.98
7500	36	275	.98
10000	32	316	.98

Extra Bands, $0.10

†Adjustable resistors are not of tropicalized construction.

25 Watts

$2\frac{7}{8}$" x $\frac{23}{32}$" Diameter
CATALOG TYPES 25KT and 25NIT (Non-Inductive)

List Price 25NIT (Non-Induc.)	Resistance Ohms	Maximum Current M.A.	Maximum Volts	List Price Type 25KT
$1.98	5	2.23	11	$1.08
1.98	10	1.58	15	1.08
1.98	25	1.0	25	1.08
1.98	50	.707	35	1.08
1.98	75	.577	43	1.08
1.98	100	.500	50	1.08
1.98	150	.408	61	1.08
1.98	200	.353	70	1.08
1.98	250	.316	79	1.08
1.98	500	.223	111	1.08
1.98	600	.204	122	1.08
1.98	750	.182	137	1.08
1.98	1000	.158	158	1.08
1.98	1500	.129	193	1.08
1.98	2000	.111	223	1.08
1.98	2500	.100	250	1.08
1.98	3000	.091	273	1.08
1.98	4000	.079	316	1.08
1.98	5000	.070	353	1.08
1.98	7500	.057	432	1.26
1.98	10000	.050	500	1.26
2.22	12000	.046	548	1.26
2.22	15000	.041	612	1.26
2.64	20000	.035	707	1.44
2.64	25000	.032	790	1.44
	*50000	.022	1118	1.80
	*75000	.018	1370	2.15
	*100000	.016	1580	2.40

50 Watts

4" x $\frac{7}{8}$" Diameter
CATALOG TYPES 50KT and 50NIT (Non-Inductive)

List Price 50NIT (Non-Induc.)	Resistance Ohms	Maximum Current M.A.	Maximum Volts	List Price Type 50KT
$2.82	5	3.16	15	1.56
2.82	10	2.23	22	1.56
2.82	25	1.41	35	1.56
2.82	50	1.00	50	1.56
2.82	75	.816	61	1.56
2.82	100	.707	70	1.56
2.82	150	.577	86	1.56
2.82	200	.500	100	1.56
2.82	250	.447	111	1.56
2.82	500	.316	158	1.56
2.82	600	.289	173	1.56
2.82	750	.258	193	1.56
2.82	1000	.223	223	1.56
2.82	1500	.182	274	1.56
2.82	2000	.158	316	1.56
2.82	2500	.141	353	1.56
2.82	3000	.129	387	1.56
2.82	4000	.111	447	1.56
2.82	5000	.100	500	1.56
3.24	7500	.081	612	1.80
3.24	10000	.070	707	1.80
3.24	12000	.064	775	1.80
3.24	15000	.057	870	1.80
3.24	20000	.050	1000	1.80
3.24	25000	.044	1120	1.80
3.90	50000	.032	1580	2.15
	*75000	.026	1936	2.50
	*100000	.022	2238	2.70

120 Watts

$8\frac{15}{16}$" x $1\frac{1}{16}$" Diameter
CATALOG TYPES 120KT & 120NIT (Non-Inductive)

List Price 120NIT (Non-Induc.)	Resistance Ohms	Maximum Current M.A.	Maximum Volts	List Price Type 120KT
$6.60	5	4.9	24.5	$4.60
6.60	10	3.46	34.6	4.60
6.60	25	2.18	54.6	4.60
6.60	50	1.54	77.4	4.60
6.60	75	1.26	94.8	4.60
6.60	100	1.09	109.5	4.60
6.60	150	.884	134	4.60
6.60	200	.775	155	4.60
6.60	250	.692	173	4.60
6.60	500	.490	245	4.60
6.60	600	.446	268	4.60
6.60	750	.400	300	4.60
6.60	1000	.346	346	4.60
6.60	1500	.282	424	4.60
6.60	2000	.245	490	4.60
6.60	2500	.219	548	4.60
6.60	3000	.200	600	4.60
6.60	5000	.154	774	4.60
7.20	7500	.126	948	4.80
7.20	10000	109	1095	4.80
7.60	15000	.089	1340	5.00
8.00	20000	.077	1550	5.20
8.00	25000	.069	1733	5.20
8.40	50000	.049	2450	5.60
	*75000	.040	3060	6.35
	*100000	.034	3460	7.10

*Type KT only.

Other types not listed in this catalog include:

Hermetically-Sealed, Ferrule Terminal, Power Wire-Wound Resistors, with power ratings of 15, 20, 40, 50, 90, 120 and 150 watts. These are the famous Sprague Koolohm "Grade 1, Class 1" resistors that are impervious to salt water, thermal shock, and corrosive atmospheres.

Precision Meter Multiplier Resistors, Wire-Wound, Hermetically-Sealed. Resistance values up to 7.5 megohms per unit. Three types, MFA, MFB, and MFC. Resistance tolerances of ±0.5% and stability of ±0.1%. The most rugged meter multipliers in the world!

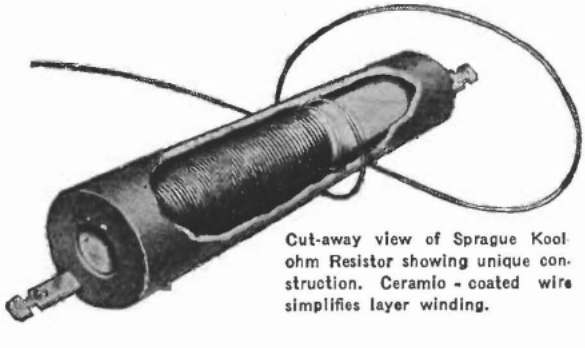
Voltage Divider Resistors. Wire-wound power resistors with ratings of 10, 15, and 25 watts. Designed for through bolt mounting as individual units, or in multiple sections of any size to provide tapped voltage dividers.

***MEGOMAX, High-resistance, High-Voltage, Resistors.** Ferrule terminal, hermetically-sealed, composition resistors of pressed and sintered ring construction, capable of high-temperature operation to 150° C. Three types with resistance values to 1000 megohms; power ratings of 6, 12 and 22 watts and voltages up to 20,000 volts.

BOBBIN Wire-Wound, Semi-Precision Resistors. Wound with ceramic-insulated wire on high-temperature plastic forms. Five high stability types with power ratings of 1, 2, 2.5, 3 and 5 watts, and resistance values to 500,000 ohms. Resistance tolerance down to ±0.5%.

Complete details on the above and other new types are contained in the Sprague Koolohm Industrial Catalog No. C-551, copy of which will gladly be sent on request by industrial users. Sprague engineers welcome the opportunity to be of assistance regarding industrial resistor applications.

*Trademark applied for.

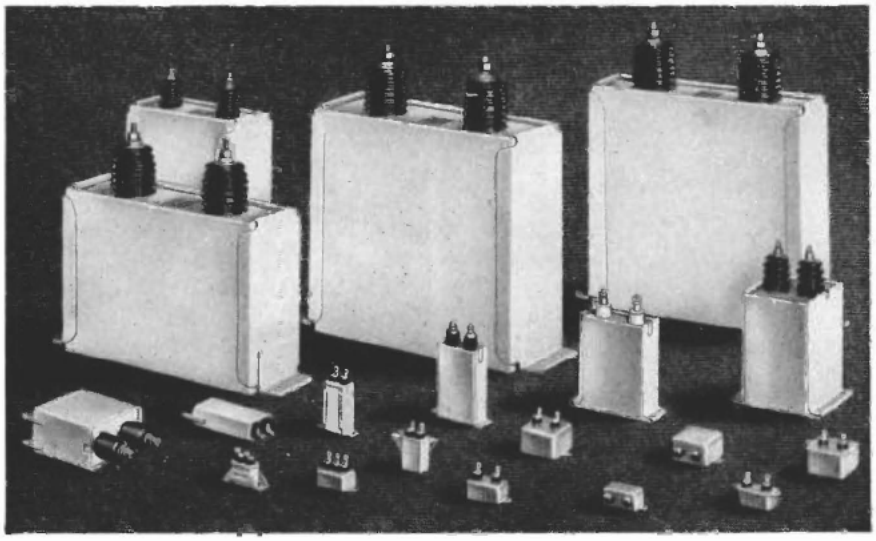


Cut-away view of Sprague Koolohm Resistor showing unique construction. Ceramic - coated wire simplifies layer winding.

PYRANOL* CAPACITORS

*Trade-mark reg. U. S. Pat. Off.

In accordance with Joint Army-Navy Specification JAN-C-25 Amendment-1.

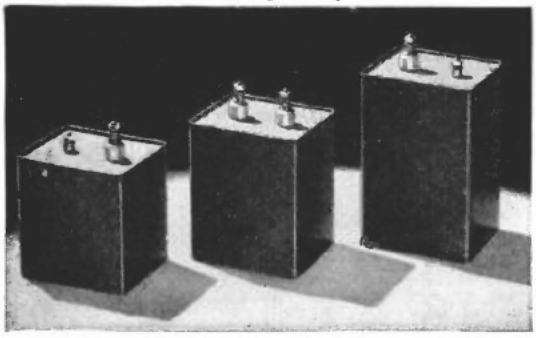


Case styles CP 53, 54, 55—Bathtub Style CP 61, 63, 65—Miniature Rectangular
CP 70—Large Rectangular

All case styles are available in characteristic E and F. Single-section units are supplied with a capacitance tolerance of ±10 per cent (K), and two- and three-section units with a capacitance tolerance of +20 per cent, — 10 per cent (V). Spade-lug and footed mounting brackets are available for use with capacitors on which the mounting bracket is not an integral part.

Write for Bulletin GEA-4357.

Energy-storage discharge capacitors



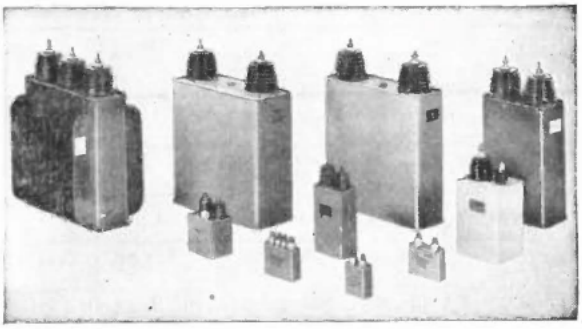
G-E light-duty energy-storage capacitors are made in a wide range of ratings to fit practically every requirement of high-speed flash photography, as well as home and industrial welders for light metals. Careful construction, high-quality materials, and skillful design contribute to long life and efficient operation.

Write for Bulletin GEA-4646.

STANDARD RATINGS

Max. D-c volts	Capacitance, Microfarads	Max. D-c volts	Capacitance, Microfarads
2000	25	4000	12.5
2000	40	4000	25/50
2500	14	4000	100
2500	25.5	5000	25/50
3000	60	6000	55
3350	17.8	6000	25

Capacitor networks



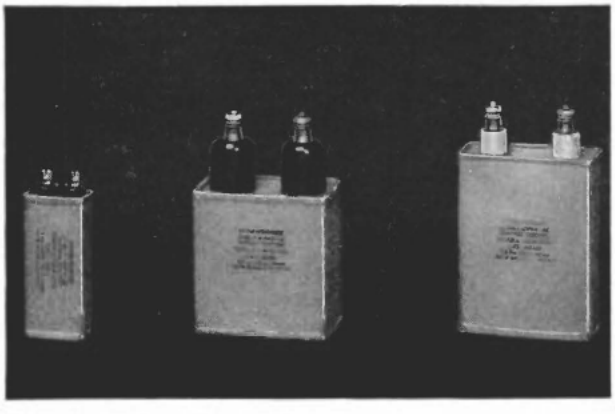
General Electric pioneered in the development of mineral-oil-treated paper dielectric capacitor networks for air, sea, and land radar, and was a prime supplier for the government services. The products supplied varied from the miniature types used with aircraft radar to the large land station designs.

All of the general facilities and the highly specialized test equipment involved are being retained for further work in this field and inquiries on new requirements are solicited.

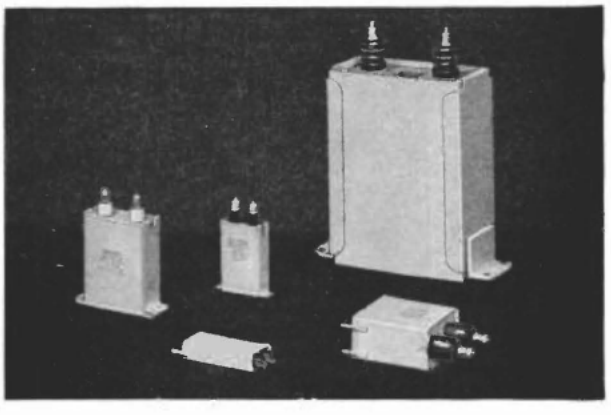
PYRANOL* CAPACITORS

*Trade-mark reg. U. S. Pat. Off.

Case Style 70



Case style 70 units with various types of terminals.



Case style 70 units with various types of removable mounting brackets.

These Pyranol fixed-paper-dielectric capacitors in case style 70 are hermetically sealed in rectangular cases. This line includes standard ratings, ranging from very small units weighing only three ounces to large high-voltage units weighing up to 175 pounds.

All are of single-section construction, with a capacitance tolerance of ±10 per cent. Cases are isolated and the two bushings are brought out through the cover. Units are available with either solder-lug terminals or with pillar-insulator terminals in 600-, 1000-, and 1500-volt ratings. All higher-voltage ratings have pillar-insulator terminals. These units may be operated in altitudes up to 7500 feet.

STANDARD RATINGS

Nominal Direct Voltage Rating	Capacitance Ratings, Microfarads	Type of Terminals
400	4.0, 6.0, 8.0, 10.0	SI* or PI†
600	1.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 15.0, 20.0, 25.0	SI or PI
1000	1.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 15.0	SI or PI
1500	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 15.0	SI or PI
2000	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 15.0	PI
2500	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 6.0, 8.0, 10.0, 12.0, 20.0, 25.0, 55.0, 75.0	PI
3000	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 6.0, 8.0, 12.0, 20.0, 45.0, 60.0	PI
4000	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 6.0, 7.0, 13.0, 20.0, 30.0	PI
5000	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 6.0, 8.0, 14.0, 18.0	PI
6000	0.10, 0.25, 0.50, 1.0, 2.0, 4.0, 5.0, 10.0, 14.0	PI
7500	0.10, 0.25, 0.50, 1.0, 2.0, 3.0, 7.0, 9.0	PI

* Solder lug. † Pillar insulator.

Bushings with solder-lug terminals are made of molded Textolite, and those which have pillar-insulator terminals are of the highest-quality porcelain. All bushings are thoroughly bonded to the container to provide a permanent liquid-tight seal.

All units can be supplied with removable mounting brackets, as illustrated above. In addition to the screw-spade-lug brackets, two types of footed brackets are also available—one with a straight "L"-shaped foot and the other with a "U"-shaped foot that grips the bottom of the unit. The brackets can be attached to either the top or bottom of the unit, permitting either upright or inverted mounting.

Write for Bulletin GEA-2621.

STANDARD RATINGS

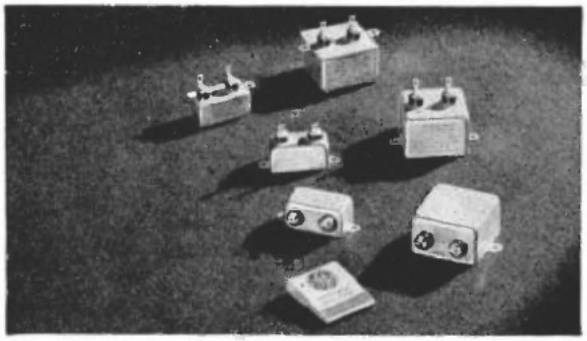
Nominal Direct Voltage Rating	Capacitance Ratings, Microfarads	Type of Terminals
10,000	0.10, 0.25, 0.50, 1.0, 1.5, 2.0, 3.5, 5.0	PI
12,500	0.10, 0.25, 0.50, 0.75, 1.0, 1.2, 2.5, 3.3	PI
15,000	0.25, 0.50, 0.75, 0.90, 1.75, 2.25	PI
20,000	0.15, 0.25, 0.50, 1.0, 1.25, 3.0	PI
25,000	0.10, 0.25, 0.60, 1.0	PI
30,000	0.25, 0.5, 0.75	PI
40,000	0.10, 0.20, 0.25, 0.35	PI
50,000	0.17, 0.25	PI
75,000‡	0.25	PI
100,000‡	0.125	PI

‡ Mid-point connected to case.

PYRANOL* CAPACITORS

*Trade-mark reg. U. S. Pat. Off.

Case styles 50, 51, and 52



These fixed-paper-dielectric "bathtub" capacitors are of small and compact construction, and will fit into very restricted places in radio and electronic equipments.

All three case styles are constructed with solder-lug terminals, and are available in single-section, two-section, or three-section construction for all circuit diagrams.

The hermetically sealed metallic containers are of drawn construction and include two integral mounting lugs.

The only difference in construction of the three case styles is in the location of the bushings, which are brought out through the side for case style 50 units, through the top for case style 51 units, and through the bottom for case style 52 units.

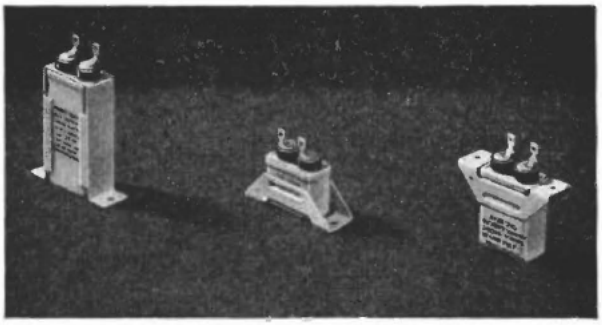
Write for Bulletin GEA-2621.

STANDARD RATINGS

Type of Construction	Nominal Direct Voltage Rating	Capacitance Ratings, Microfarads*	Capitance Tolerance
Single-section units	600	.05, .10, .25, .50, 1.0, 2.0	±10%
	1000	.05, .10, .25, .50, 1.0	
Two-section units	600	.05, .10, .25, .50, 1.0	+20% −10%
	1000	.05, .10, .25, .50	
Three-section units	600	.05, .10, .25, .50	+20% −10%
	1000	.05, .10, .25	

* Capacitance per section of two- and three-section units.

Case styles 60, 62, and 64



These small rectangular-case fixed-paper-dielectric units are of narrower width than the "bathtub" units, and will fit into a very restricted panel surface, where case height is not the limiting dimension. Mounting lugs, of either the removable or attached type, are of very sturdy construction.

All three case styles are constructed with solder-lug terminals, and are available in either single-section or dual-section construction for all circuit diagrams.

The metallic containers are hermetically sealed, and of deep-drawn construction.

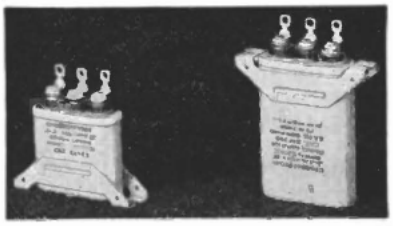
Case style 60 units have no brackets, but removable brackets of either the footed or screw-spade-lug type can be supplied, while the case style 62 and case style 64 units have soldered-on brackets for upright or inverted mounting, respectively.

STANDARD RATINGS

Type of Construction	Nominal Direct Voltage Rating	Capacitance Ratings, Miscofarads*	Capacitance Tolerance
Single-section units	400	2.0	±10%
	600	.05, .10, .25, .50, 1.0	
	1000	.01, .02, .05, .10, .25, .50	
Two-section units	600	.05, .10, .25, .50	+20%
	1000	.01, .02, .05, .10, .25	−10%

* Capacitance per section of two-section units.

Case styles 66-68



Case styles 66 and 68 units are similar to the case style 62 and 64 designs but slightly greater in width to accommodate three terminals.

Both case styles are constructed with solder lug terminals and are available in single-section, two-section, or three-section units. The metallic containers are deep-drawn construction and are hermetically sealed.

Case style 66 units have integral mounting brackets for base mounting, and case style 68 units integral mounting brackets for inverted mounting.

STANDARD RATINGS

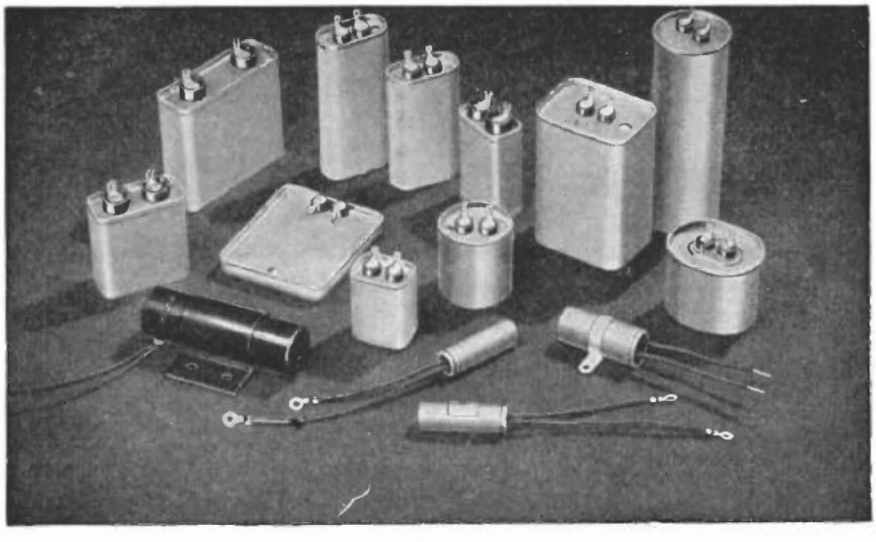
Type of Construction	Nominal Direct Voltage Rating	Capacitance Ratings, Microfarads*	Cap. Toler.
Single-section units	600	0.05, 0.10, 0.25, 0.50, 1.0	±10%
	1000	0.01, 0.02, 0.05, 0.10, 0.25, 0.50	
Two-section units	600	0.05, 0.10, 0.25, 0.50	+20%
	1000	0.01, 0.02, 0.05, 0.10, 0.25	−10%
Three-section units	600	0.05, 0.10, 0.25	+20%
	1000	0.01, 0.02, 0.05, 0.10, 0.25	−10%

* Capacitance per section of two- and three-section units.

PYRANOL* CAPACITORS

*Trade-mark reg. U. S. Pat. Off.

FOR GENERAL-PURPOSE A-C APPLICATIONS



Small a-c Pyranol capacitors are recommended for use with motors, luminous-tube transformers, industrial control, and other equipment.

The use of Pyranol* as a treating material, because of its high dielectric strength, high permittivity, and exceptional stability, has made possible a marked reduction in physical size, as well as a capacitor far superior to those formerly available.

Design advantages

(1) Small and compact units, because of the use of Pyranol.

(2) Wide range of ratings available in rectangular, cylindrical and oval cases.

(3) Three styles of mounting brackets are available and supplied separate from the units. Units may be operated in any position.

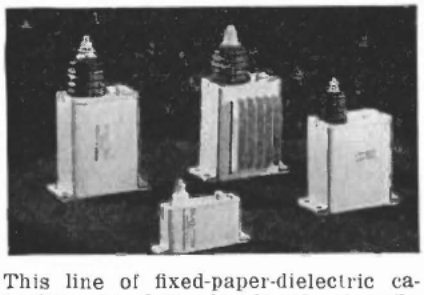
Write for Bulletin GEA-2027

STANDARD RATINGS

Rated Voltage 60 Cycles	Fabricated Rectangular	Drawn Rectangular	Drawn Cylindrical	Shallow Drawn	Oval Drawn
220	1–15 muf	.....	.....	.....	2–6 muf
236	1–20 muf	.....	.....	.....	.....
250	.....	.....	.....	2–3.5 muf	.....
330	1–50 muf	1–17.5 muf	2.5–11 muf	.....	2–3.5 muf
440	1–28 muf	.....	.....	.....	2–4 muf
660	1–15 muf	.....	.....	.....	1.75 muf

Represents only a list of standard ratings. Ratings other than these listed will be supplied when required.

CAPACITORS FOR OSCILLATOR TANK CIRCUITS



This line of fixed-paper-dielectric capacitors has been developed primarily for grid and plate blocking service in the electronic oscillator circuits of high-frequency induction-heating equipments. They can also be used to advantage in other high-frequency oscillator circuits of a similar nature.

G-E high-voltage paper-dielectric capacitors are of relatively high capacitance (0.01 mu f) for high-frequency units, and yet they are more economical than conventional high-frequency units of considerably smaller capacitance values. They can, therefore, be applied with savings in cost as well as reduced losses and lower voltage drop across the capacitor.

features

Hermetically sealed in metallic cases.

Single-bushing construction for minimum size.

Removable mounting brackets.

Internal lead connections arranged for minimum inductance.

Write for Bulletin GEA-4388.

STANDARD RATINGS

D-c Voltage Rating	Microfarad Rating
5000	0.01
15,000	0.01
20,000	0.01
20,000*	0.01

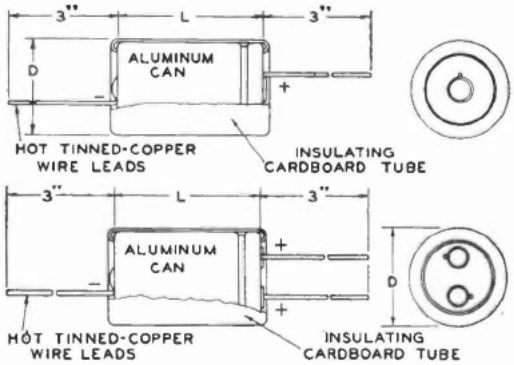
* With cooling fins for higher current-carrying capacity.
Capacitance tolerance ±10%.

SANGAMO CAPACITORS

Electrolytics by Sangamo

TYPE MT **TYPE MTD**

Chieftain



Hermetically sealed in round aluminum tubes, these DC dry tubular electrolytics have heavy insulating sleeves on which polarity is clearly indicated. Double pure paper spacers assure adequate breakdown characteristics and all sections are tightly held in place within the container. Multiple staking connects the terminal tabs to the electrodes and provides permanent low resistance contact throughout the life of the capacitor. Low voltage units utilize etched cathodes to maintain uniform capacity when these capacitors are subjected to heat and high ripple currents.

TYPE MT—Single Section

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
MT 0210	10	25	5/8	1 3/16	$0.75	$0.45
MT 0225	25	25	5/8	1 3/16	.85	.51
MT 0250	50	25	5/8	1 5/16	.95	.57
MT 02100	100	25	7/8	1 13/16	1.20	.72
MT 0510	10	50	5/8	1 3/16	.80	.48
MT 0525	25	50	5/8	1 5/16	.90	.54
MT 0550	50	50	3/4	1 5/16	1.05	.63
MT 1504	4	150	5/8	1 3/16	.75	.45
MT 1508	8	150	5/8	1 3/16	.80	.48
MT 1512	12	150	5/8	1 5/16	.85	.51
MT 1516	16	150	5/8	1 5/16	.90	.54
MT 1520	20	150	5/8	1 5/16	.95	.57
MT 1530	30	150	3/4	1 5/16	1.00	.60
MT 1540	40	150	3/4	1 13/16	1.10	.66
MT 1550	50	150	7/8	1 13/16	1.20	.72

NOTE: Metal mounting straps are available at extra cost. They are not supplied as a standard item.

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
MT 2508	8	250	5/8	1 9/16	$0.80	$0.48
MT 2512	12	250	5/8	1 13/16	1.00	.60
MT 2516	16	250	3/4	1 15/16	1.10	.66
MT 2520	20	250	3/4	1 13/16	1.20	.72
MT 2540	40	250	7/8	2 5/16	1.40	.84
MT 3508	8	350	3/4	1 3/16	.90	.54
MT 3512	12	350	3/4	1 13/16	1.05	.63
MT 3516	16	350	7/8	1 13/16	1.20	.72
MT 4504	4	450	5/8	1 5/16	.90	.54
MT 4508	8	450	3/4	1 9/16	.95	.57
MT 4510	10	450	3/4	1 9/16	1.05	.63
MT 4512	12	450	7/8	1 9/16	1.15	.69
MT 4516	16	450	7/8	1 13/16	1.35	.81
MT 4520	20	450	1	1 13/16	1.50	.90
MT 4530	30	450	1	2 5/16	1.65	.99
MT 4540	40	450	1	2 7/8	2.00	1.20

NOTE: Packaging 10, 25 or 50 Capacitors per display carton.

TYPE MTD—Dual Common Negative Sections

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
MTD 0210	10-10	25	7/8	1 3/16	$1.05	$0.63
MTD 0220	20-20	25	7/8	1 3/16	1.10	.66
MTD 1520	20-20	150	3/4	1 3/16	1.30	.78
MTD 1530	30-30	150	7/8	1 3/16	1.50	.90
MTD 301	50-30	150	1	1 13/16	1.70	1.02
MTD 302	40-20	150	1	1 13/16	1.50	.90
MTD 1540	40-40	150		1 13/16	1.70	1.02

NOTE: Metal mounting straps are available at extra cost. They are not supplied at a standard item.

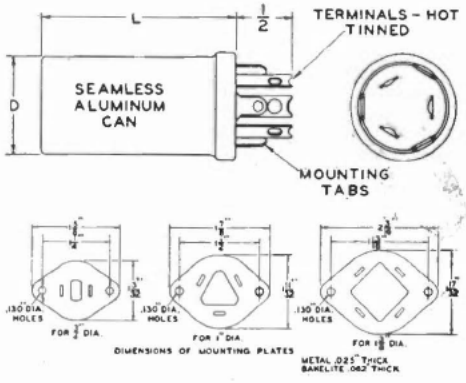
Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
MTD 2520	20-20	250	1	1 13/16	$1.80	$1.08
MTD 3520	20-20	350	1	2 7/8	2.10	1.26
MTD 4508	8-8	450	7/8	1 13/16	1.70	1.02
MTD 4510	10-10	450	1	1 13/16	1.85	1.11
MTD 4520	20-20	450	1	2 7/8	2.50	1.50

NOTE: Packaging 10, 25 or 50 Capacitors per display carton.

SANGAMO CAPACITORS

ELECTROLYTIC CAPACITORS

TYPE PL *Warrior*



Hermetically sealed, these capacitors are made in all standard dimensions and ratings common to the industry. Each unit supplied with a bakelite and metal mounting plate.

TYPE PL—Single Section

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
PL 700	3000	10	1 3/8	3	$4.50	$2.70
PL 701	1000	15	1	3	3.25	1.95
PL 703	2000	15	1 3/8	3	4.70	2.82
PL 02100	100	25	1	2	1.45	.87
PL 02500	500	25	1	3	2.45	1.47
PL 705	1000	25	1 3/8	3	3.55	2.13
PL 05500	500	50	1 3/8	3	3.55	2.13
PL 1530	30	150	3/4	2	1.25	.75
PL 1550	50	150	1	2	1.45	.87
PL 15100	100	150	1	3	1.95	1.17
PL 4510	10	450	1	2	1.30	.78
PL 4515	15	450	1	2	1.55	.93
PL 4520	20	450	1	2	1.75	1.05
PL 4530	30	450	1	2 1/2	1.90	1.14
PL 4540	40	450	1	3	2.25	1.35
PL 4580	80	450	1 3/8	3	3.85	2.31
PL 5010	10	500	1	2 1/2	1.75	1.05
PL 5020	20	500	1	3	2.65	1.59

TYPE PL—Dual Sections

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
PLD 0240	40-40	25	1	2	$1.50	$0.90
PLD 1520	20-20	150	1	2	1.55	.93
PLD 710	30-20	150	1	2	1.65	.99
PLD 1530	30-30	150	1	2	1.75	1.05
PLD 712	40-20	150	1	2	1.75	1.05
PLD 714	40-30	150	1	2	1.85	1.11
PLD 1540	40-40	150	1	2	1.95	1.17
PLD 716	50-30	150	1	2	1.95	1.17
PLD 1550	50-50	150	1	2 1/2	2.10	1.26
PLD 2520	20-20	250	1	2	1.75	1.05
PLD 3515	15-15	350	1	2	2.10	1.26
PLD 3520	20-20	350	1	2 1/2	2.35	1.41
PLD 4510	10-10	450	1	2	2.10	1.26
PLD 4520	20-20	450	1	3	2.65	1.59
PLD 4530	30-30	450	1 3/8	2 1/2	3.25	1.95
PLD 4540	40-40	450	1 3/8	3	4.00	2.40
PLD 717	80-10	400	1 3/8	3	4.00	2.40

TYPE PL—Triple Sections

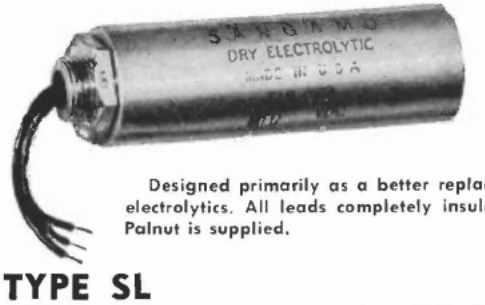
Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
PLT 1520	20-20-20	150	1	2	$2.30	$1.38
PLT 738	40-30-20	150	1	2	2.45	1.47
PLT 1540	40-40-40	150	1	2 1/2	2.60	1.56
PLT 4510	10-10-10	450	1	3	2.50	1.50
PLT 4520	20-20-20	450	1 3/8	2 1/2	3.45	2.07
PLY 748	20-20/20	150/25	1	2	2.00	1.20
PLY 749	40-20/20	150/25	1	2	2.20	1.32

NOTES

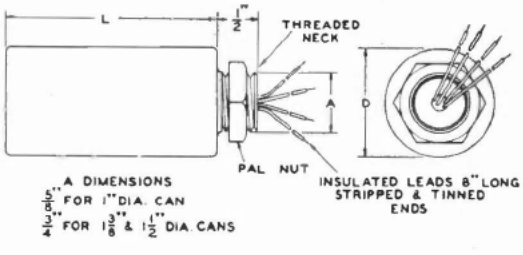
Each unit is supplied with a bakelite and a metal mounting plate. Additional hardware available at extra cost.

Packaging, individual display carton,

TYPE SL *Mohican*



Designed primarily as a better replacement for wet electrolytics. All leads completely insulated from can. Palnut is supplied.



TYPE SL

Single Section

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
SL 2512	12	250	1	2 1/2	$1.75	$1.05
SL 2525	25	250	1	3 1/2	2.00	1.20
SL 4508	8	450	1	2 1/2	1.75	1.05
SL 4512	12	450	1	2 1/2	2.15	1.29
SL 4516	16	450	1	3 1/2	2.40	1.44
SL 4520	20	450	1 3/8	2 1/2	2.65	1.59
SL 4530	30	450	1 3/8	3 1/2	3.00	1.80
SL 4540	40	450	1 3/8	4 1/4	3.40	2.04

NOTE: Insulated leads are color-coded and are 8" long with 1/2" at ends skinned and tinned. Palnut is supplied.

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
SL 6004	4	600	1 3/8	3 1/2	$3.00	$1.80
SL 6008	8	600	1 3/8	4 1/4	4.00	2.40
SL 6016	16	600	1 1/2	4 1/4	5.00	3.00
Dual Common Negative Sections						
SLD 2508	8- 8	250	1	3	$2.30	$1.38
SLD 4508	8- 8	450	1 3/8	2 1/2	2.75	1.65
SLD 4516	16-16	450	1 3/8	3 1/2	3.50	2.10
SLD 4520	20-20	450	1 3/8	4 1/4	4.00	2.40

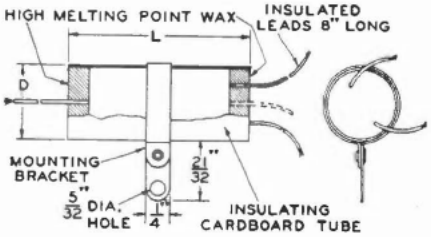
NOTE. Packaging, individual display carton.

SANGAMO CAPACITORS

TYPE CS ELECTROLYTIC CAPACITORS

Tomahawk

These capacitors are contained in a cardboard tube and have 8-inch insulated leads extending from both ends sealed in pitch to insure permanency. Each unit is supplied with a mounting strap around the tube to facilitate mounting to the chassis.



TYPE CS—Dual Common Negative Sections

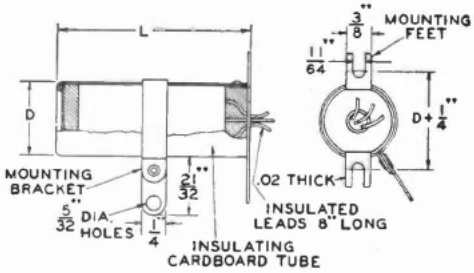
Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
CSD 0210	10-10	25	5/8	2 3/8	$1.05	$0.63
CSD 0510	10-10	50	5/8	2 3/8	1.15	.69
CSD 502	20-10	150	3/4	2 1/2	1.25	.75
CSD 1520	20-20	150	3/4	2 1/2	1.30	.78
CSD 1530	30-30	150	7/8	2 1/2	1.50	.90
CSD 505	40-20	150	1	2 1/2	1.50	.90
CSD 1540	40-40	150	1	2 1/2	$1.70	$1.02
CSD 512	50-30	150	1	2 1/2	1.70	1.02
CSD 1550	50-50	150	1	3 5/8	1.85	1.11
CSD 516	8-16	250	7/8	2 1/2	1.60	.96
CSD 2516	16-16	250	1	2 1/2	1.70	1.02
CSD 4508	8- 8	450	1	2 1/2	1.70	1.02
CSD 522	8-16	450	1	2 7/8	2.00	1.20

NOTE: Packaging 10, 25 or 50 Capacitors per display carton.

TYPE CF

Apache

Vertical or horizontal mounting made possible by the mounting feet and strap. Ends permanently sealed.



TYPE CF

Single Section

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
CF 1520	20	150	7/8	2 1/2	$1.15	$0.69
CF 2508	8	250	7/8	2 1/2	1.05	.63
CF 2516	16	250	7/8	2 1/2	1.30	.78
CF 2524	24	250	1	2 3/4	1.45	.87
CF 3508	8	350	7/8	2 1/2	1.10	.66
CF 3512	12	350	7/8	2 1/2	1.30	.78
CF 3516	16	350	7/8	2 1/2	1.45	.87
CF 3524	24	350	1	3 5/8	1.55	.93
CF 4508	8	450	7/8	2 1/2	1.15	.69
CF 4512	12	450	7/8	2 7/8	1.35	.81
CF 4516	16	450	7/8	2 7/8	$1.55	$0.93
CF 4530	30	450	1	3 5/8	1.85	1.11

Dual Common Negative Sections

Catalog Number	Capacity Mfd.	Working Volts D.C.	Size D	Size L	List Price	Sggstd. Resale
CFD 1520	20-20	150	7/8	2 1/2	$1.50	$0.90
CFD 1530	30-30	150	1	2 7/8	1.70	1.02
CFD 1550	50-50	150	1 1/16	3 1/8	2.05	1.23
CFD 2508	8- 8	250	1	2 3/4	1.65	.99
CFD 3508	8- 8	350	1	2 3/4	1.80	1.08
CFD 4508	8- 8	450	1	2 7/8	1.90	1.14

NOTE: Packaging 10, 25 or 50 Capacitors per display carton.

COLOR CODE OF WIRE LEADS FOR TYPES CF, CS AND SL ELECTROLYTIC CAPACITORS

Black.....Common Negative
Orange.....Positive, Highest voltage or capacity
Red.....Positive, next highest voltage or capacity
Blue.....Positive, next highest voltage or capacity
Yellow.....Positive, next highest voltage or capacity
Brown.....Negative, in separate section unit

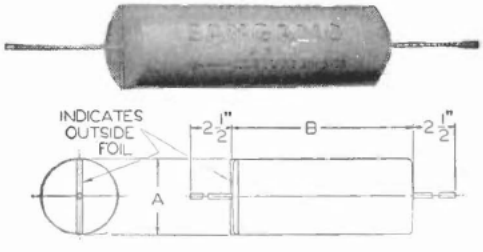
NOTE: Lead colors are determined by the rated working voltages. Where there are two or more sections of different voltages and the same capacity, the lead color will be determined by the voltage; with the same voltages and unequal capacities the lower capacity takes the next color in the sequence.

NOTE: Based upon proposed R.M.A. color code.

SANGAMO CAPACITORS

TYPE 30 PLASTIC MOLDED PAPER TUBULAR CAPACITORS

"Molded Like Micas"



Here is an entirely new concept in paper tubular construction: capacitors which are molded in plastic—just like micas! The immediate results are obvious: more stable capacity values, excellent seal characteristics, and application at higher ambient temperatures. In the long run, too, the result is obvious: a new standard of permanence. Halowax impregnation is suitable for operation in ambient temperature ranges from —55° C. to +55° C.

Catalog Number	Capacity Mfd.	Size Inches A x B	List Price	Net Price
		200 V.D.C. Working		
300221	.001	3/8 x 1 1/8	$0.25	$0.15
300225	.005	3/8 x 1 1/8	.25	.15
300211	.01	3/8 x 1 1/8	.25	.15
300212	.02	3/8 x 1 1/8	.25	.15
300215	.05	7/16 x 1 1/4	.30	.18
300201	.1	1/2 x 1 1/2	.35	.21
3002015	.15	9/16 x 1 5/8	.35	.21
300202	.2	9/16 x 1 5/8	.40	.24
3002025	.25	5/8 x 2	.45	.27
300205	.5	3/4 x 2	.60	.36
300210	1.	1 x 2 1/8	.90	.54
		400 V.D.C. Working		
300421	.001	3/8 x 1 1/8	$0.25	$0.15
300411	.01	3/8 x 1 1/8	.25	.15
300412	.02	3/8 x 1 1/8	.25	.15
300415	.05	7/16 x 1 1/4	.30	.18
300401	.1	9/16 x 1 5/8	.35	.21
3004015	.15	9/16 x 1 5/8	.35	.21
300402	.2	5/8 x 2	.40	.24
3004025	.25	5/8 x 2	.45	.27
300405	.5	7/8 x 2	.60	.36
300410	1.	1 1/16 x 2 1/2	.90	.54

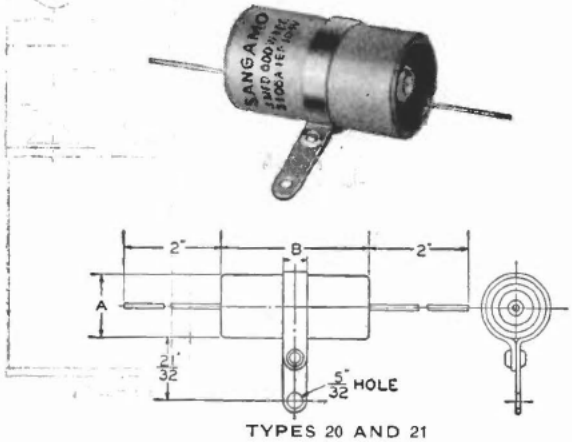
Prices subject to change without notice.

Catalog Number	Capacity Mfd.	Size Inches A x B	List Price	Net Price
		600 V.D.C. Working		
3006325	.00025	3/8 x 1 1/8	$0.25	$0.15
300635	.0005	3/8 x 1 1/8	.25	.15
300621	.001	3/8 x 1 1/8	.25	.15
300622	.002	3/8 x 1 1/8	.25	.15
300623	.003	3/8 x 1 1/8	.25	.15
300624	.004	3/8 x 1 1/8	.25	.15
300625	.005	3/8 x 1 1/8	.25	.15
300626	.006	3/8 x 1 1/8	.25	.15
300611	.01	7/16 x 1 1/4	.30	.18
3006115	.015	7/16 x 1 1/4	.30	.18
300612	.02	7/16 x 1 1/4	.30	.18
3006125	.025	1/2 x 1 1/2	.35	.21
300614	.04	1/2 x 1 1/2	.35	.21
300615	.05	9/16 x 1 5/8	.40	.24
300616	.06	9/16 x 1 5/8	.40	.24
300601	.1	5/8 x 2	.45	.27
3006015	.15	3/4 x 2	.50	.30
300602	.2	7/8 x 2	.55	.33
3006025	.25	7/8 x 2	.55	.33
300605	.5	1 1/16 x 2 1/2	.80	.48
300610	1.	1 3/8 x 2 5/8	1.25	.75
		1000 V.D.C. Working		
301021	.001	3/8 x 1 1/8	$0.30	$0.18
301022	.002	3/8 x 1 1/8	.30	.18
301023	.003	3/8 x 1 1/8	.35	.21
301024	.004	3/8 x 1 1/8	.35	.21
301025	.005	7/16 x 1 1/4	.40	.24
301026	.006	7/16 x 1 1/4	.40	.24
301011	.01	7/16 x 1 1/4	.50	.30
3010115	.015	1/2 x 1 1/2	.50	.30
301012	.02	1/2 x 1 1/2	.50	.30
301013	.03	9/16 x 1 5/8	.55	.33
301015	.05	5/8 x 2	.60	.36
301016	.06	5/8 x 2	.60	.36
301001	.1	3/4 x 2	.75	.45
3010025	.25	1 1/16 x 2 1/2	.85	.51

Prices subject to change without notice.

SANGAMO CAPACITORS

TYPES 20 AND 21 METAL CASED MINERAL OIL PAPER CAPACITORS



TYPES 20 AND 21

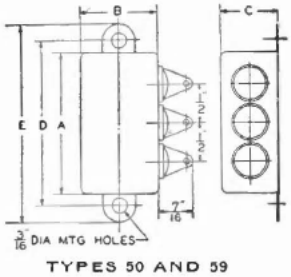
Designed for by-pass and coupling applications, Types 20 and 21 capacitors are non-inductively wound paper capacitors impregnated in mineral oil of greatest stability and housed in metal tubes. The Type 21, having terminals insulated from the case, is covered with a cardboard sleeve. The Type 20, having one terminal grounded to the case, is similarly covered unless specified without sleeve. The Type 20, priced the same as the Type 21, has the same diameter as the Type 21 but is 1/8" shorter in length.

Types 20 & 21

Catalog Number	Capacity Mfd.	Size Inches A x B	List Price	Net Price
		200 V.D.C. Working		
2102-.005	.005	1/2 x 1 5/16	$0.90	$0.54
2102-.01	.01	1/2 x 1 5/16	.90	.54
2102-.1	.1	3/4 x 1 9/16	1.00	.66
		400 V.D.C. Working		
2104-.005	.005	1/2 x 1 5/16	.90	.54
2104-.01	.01	1/2 x 1 5/16	.90	.54
2104-.05	.05	3/4 x 1 9/16	.95	.57
		600 V.D.C. Working		
2106-.005	.005	1/2 x 1 5/16	.95	.57
2106-.01	.01	1/2 x 1 5/16	.95	.57
2106-.05	.05	3/4 x 1 9/16	1.10	.66
2106-.1	.1	3/4 x 1 13/16	1.25	.75
2106-.5	.5	1 1/16 x 2 5/16	2.20	1.32
		1000 V.D.C. Working		
2110-.0005	.0005	1/2 x 1 5/16	1.10	.66
2110-.005	.005	1/2 x 1 9/16	1.10	.66
2110-.01	.01	1/2 x 1 9/16	1.10	.66
2110-.05	.05	3/4 x 1 11/16	1.30	.78
2110-.1	.1	13/16 x 2 1/16	1.50	.90
		1600 V.D.C. Working		
2116-.003	.003	3/4 x 1 5/16	1.20	.72
2116-.006	.006	3/4 x 1 7/16	1.20	.72
2116-.01	.01	3/4 x 1 7/16	1.20	.72
2116-.02	.02	3/4 x 1 9/16	1.30	.78
2116-.05	.05	13/16 x 2 1/16	1.30	.78
2116-.1	.1	1 1/16 x 2 1/16	2.10	1.26

Inquiries should be directed to the factory for capacities and voltages other than those listed above.
Prices subject to change without notice.

TYPES 50 AND 59 BYPASS PAPER CAPACITORS



TYPES 50 AND 59

Types 50 and 59 paper capacitors are non-inductively wound paper dielectric sections sealed in seamless containers. Primarily intended for bypass applications, their characteristics are excellent for R.F. and A.F. bypass, audio frequency coupling and A.C. circuits. The Type 50 capacitors are vacuum impregnated and filled with the finest mineral oil available for use; the Type 59 capacitors are vacuum impregnated and filled with diaclor; a chlorinated dielectric providing maximum capacity and voltage in minimum space.

Types 50 & 59

Catalog Number	Capacity Mfd.	Size Inches A x B x C	List Price	Net Price
	Type 50	**600 V.D.C. Working**		
5006-.05	.05	1 13/16 x 1 x 3/4	$2.60	$1.50
5006-.5	.5	1 13/16 x 1 x 7/8	3.00	1.80
5006-1	1.	2 x 1 3/4 x 7/8	3.40	2.04
5006-.05x2	.05-.05	1 13/16 x 1 x 3/4	3.30	1.98
5006-.5x2	.5-.5	2 x 1 3/4 x 7/8	3.90	2.34
5006-.1x3	.1-.1-.1	1 13/16 x 1 x 3/4	3.80	2.28
5006 .5x3	.5-.5-.5	2 x 2 x 1 1/8	5.20	3.12
	Type 50	**1000 V.D.C. Working**		
5010-.05	.05	1 13/16 x 1 x 3/4	2.75	1.65
5010-1	1.	2 x 2 x 1 1/8	4.00	2.40
5010-.05x2	.05-.05	1 13/16 x 1 x 3/4	3.50	2.10
5010-.5x2	.5-.5	2 x 2 x 1 1/8	4.95	2.97
5010-.25x3	.25-.25-.25	2 x 2 x 1 1/8	5.00	3.00
	Type 59	**600 V.D.C. Working**		
5906-.05	.05	1 13/16 x 1 x 3/4	2.60	1.50
5906-1	1.	2 x 1 3/4 x 1 3/8	3.40	2.04
5906-2	2.	2 x 2 x 1 1/8	4.55	2.73
5906-.05x2	.05-.05	1 13/16 x 1 x 3/4	3.30	1.98
5906-1.x2	1.-1.	2 x 2 x 1 1/8	4.80	2.88
5906-.1x3	.1-.1-.1	1 13/16 x 1 x 3/4	3.80	2.28
5906-.5x3	.5-.5-.5	2 x 2 x 1 1/8	5.20	3.12
	Type 59	**1000 V.D.C. Working**		
5910-.05	.05	1 13/16 x 1 x 3/4	2.75	1.65
5910-1	1.	2 x 2 x 1 1/8	4.00	2.40
5910-.05x2	.05-.05	1 13/16 x 1 x 3/4	3.50	2.10
5910-.5x2	.5-.5	2 x 2 x 1 1/8	4.95	2.97
5910-.25x3	.25-.25-.25	2 x 2 x 1 1/8	5.00	3.00

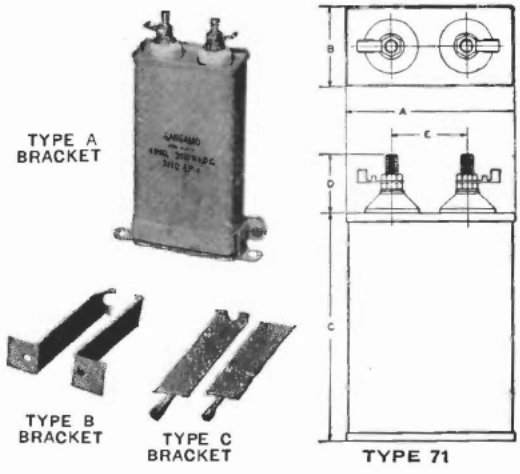
Standard tolerance +20% —10%. Types 50 and 59 standard capacitors supplied with side terminals or to customer spec. When ordering non-standard terminals specify design, R—Rivet, S—Screw; specify position, T—Top, B—Bottom, E—End.
Inquiries should be directed to the factory for capacities and voltages other than those listed above.
Prices subject to change without notice.

SANGAMO CAPACITORS

TYPE 71 DIACLOR IMPREGNATED TRANSMITTING CAPACITORS

Sangamo Diaclor impregnated capacitors have the advantage of longer life, lighter weight, and smaller size. Diaclor is a specially compounded, chemically purified chlorinated liquid dielectric. This synthetic impregnant, whose characteristics can be controlled with great uniformity, assures a high dielectric constant, high volume resistivity, low power factor, high dielectric strength, and is non-inflammable and non-explosive.

Type 71 Diaclor impregnated capacitors are supplied with Type A universal bracket, Type B footed bracket, or Type C spade lug bracket. Mounting dimensions of these brackets are given from center to center, in inches, in column "F" below. Terminals: composition rivet or screw; pyrex glass; or, stand-off porcelain. Prices include choice of brackets and terminals.



Catalog Number	Capacity Mfd.	Dimensions — Inches A	B	C	D	E	F	List Price	Net Price
600 V.D.C. Working									
7106-.5	.5	1 13/16	1 1/16	1 5/8	7/8	13/16	2 1/4	$4.25	$2.55
7106-1	1.	1 13/16	1 1/16	2	7/8	13/16	2 1/4	5.25	3.15
7106-2	2.	1 13/16	1 1/16	2 3/4	7/8	13/16	2 1/4	6.50	3.90
7106-4	4.	2 1/2	1 3/16	2 7/8	7/8	1 1/4	3	8.25	4.95
7106-6	6.	2 1/2	1 3/16	3 3/4	7/8	1 1/8	3	10.25	6.15
7106-8	8.	3 3/4	1 1/4	3 1/4	7/8	2	4 3/8	12.25	7.35
7106-10	10.	3 3/4	1 1/4	3 3/4	7/8	2	4 3/8	13.75	8.25
7106-12	12.	3 3/4	1 1/4	4 1/4	7/8	2	4 3/8	15.50	9.30
1000 V.D.C. Working									
7110-.1	.1	1 13/16	1 1/16	1 5/8	7/8	13/16	2 1/4	3.75	2.25
7110-.25	.25	1 13/16	1 1/16	1 5/8	7/8	13/16	2 1/4	4.25	2.55
7110-.5	.5	1 13/16	1 1/16	2	7/8	13/16	2 1/4	4.50	2.70
7110-1	1.	1 13/16	1 1/16	2 1/2	7/8	13/16	2 1/4	5.75	3.45
7110-2	2.	1 13/16	1 1/16	3 7/8	7/8	13/16	2 1/4	7.50	4.50
7110-4	4.	2 1/2	1 3/16	4 7/8	7/8	1 1/8	3	9.50	5.70
7110-6	6.	3 3/4	1 1/4	3 7/8	7/8	2	4 3/8	12.75	7.65
7110-8	8.	3 3/4	1 1/4	4 5/8	7/8	2	4 3/8	13.75	8.25
7110-10	10.	3 3/4	1 3/4	4 1/4	7/8	2	4 3/8	15.25	9.15
7110-12	12.	3 3/4	2 1/4	4	7/8	2	4 3/8	16.50	9.90
7110-15	15.	3 3/4	2 1/2	4 5/8	7/8	2	4 3/8	18.25	10.95
1500 V.D.C. Working									
7115-.25	.25	1 13/16	1 1/16	2	7/8	13/16	2 1/4	5.25	3.15
7115-.5	.5	1 13/16	1 1/16	2 1/4	7/8	13/16	2 1/4	5.75	3.45
7115-1	1.	1 13/16	1 1/16	3 1/4	7/8	13/16	2 1/4	6.75	4.05
7115-2	2.	2 1/2	1 3/16	3 5/8	7/8	1 1/8	3	9.50	5.70
7115-4	4.	3 3/4	1 1/4	4 1/4	7/8	2	4 3/8	12.75	7.65
7115-6	6.	3 3/4	1 3/4	4 1/2	7/8	2	4 3/8	15.50	9.30
7115-8	8.	3 3/4	2 1/2	4 5/8	7/8	2	4 3/8	19.00	11.40
7115-10	10.	3 3/4	3 3/16	4 1/8	7/8	2	4 3/8	22.75	13.65
7115-12	12.	3 3/4	3 3/16	5 1/8	7/8	2	4 3/8	24.75	14.85
7115-15	15.	3 3/4	4 9/16	4 1/2	7/8	2	4 3/8	27.25	16.35

Standard tolerance ±10%

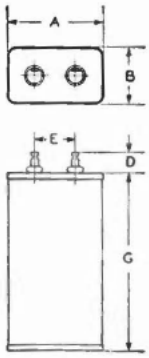
Catalog Number	Capacity Mfd.	Dimensions — Inches A	B	C	D	E	F	List Price	Net Price
2000 V.D.C. Working									
7120-.1	.1	1 13/16	1 1/16	1 5/8	7/8	13/16	2 1/4	$6.00	$3.60
7120-.25	.25	1 13/16	1 1/16	2 1/8	7/8	13/16	2 1/4	6.50	3.90
7120-.5	.5	1 13/16	1 1/16	2 7/8	7/8	13/16	2 1/4	6.75	4.05
7120-1	1.	2 1/2	1 3/16	3 1/4	1 1/4	1 1/8	3	8.25	4.95
7120-2	2.	3 3/4	1 1/4	3 3/4	1 1/4	2	4 3/8	9.75	5.85
7120-4	4.	3 3/4	1 3/4	4 3/4	1 1/4	2	4 3/8	13.75	8.25
7120-6	6.	3 3/4	2 1/2	4 3/4	1 1/4	2	4 3/8	18.25	10.95
7120-8	8.	3 3/4	3 3/16	5 1/8	1 1/4	2	4 3/8	22.75	13.65
7120-10	10.	3 3/4	4 9/16	4 3/4	1 1/4	2	4 3/8	27.75	16.65
7120-12	12.	3 3/4	4 9/16	5 1/4	1 1/4	2	4 3/8	30.25	18.15
7120-15	15.	3 3/4	4 9/16	6 3/8	1 1/4	2	4 3/8	35.25	21.15
2500 V.D.C. Working									
7125-.5	.5	1 13/16	1 1/16	3 7/8	1 1/4	1 1/8	2 1/4	10.50	6.30
7125-1	1.	2 1/2	1 3/16	4 1/4	1 1/4	1 1/8	3	12.00	7.20
7125-2	2.	3 3/4	1 1/4	5 1/8	1 1/4	2	4 3/8	19.50	11.70
7125-4	4.	3 3/4	2 1/4	5 1/8	1 1/4	2	4 3/8	27.25	16.35
7125-10	10.	3 3/4	4 9/16	6 1/2	1 1/4	2	4 3/8	68.25	40.95
3000 V.D.C. Working									
7130-.1	.1	2 1/2	1 3/16	2	1 1/4	1 1/8	3	12.75	7.65
7130-.25	.25	2 1/2	1 3/16	2 7/8	1 1/4	1 1/8	3	13.50	8.10
7130-.5	.5	2 1/2	1 3/16	3 3/4	1 1/4	1 1/8	3	15.25	9.15
7130-1	1.	3 3/4	1 1/4	4 1/4	1 1/4	2	4 3/8	18.25	10.95
7130-2	2.	3 3/4	1 3/4	5 1/8	1 1/4	2	4 3/8	22.75	13.65
7130-4	4.	3 3/4	4 9/16	4 1/4	2	2	4 3/8	33.50	20.10
4000 V.D.C. Working									
7140-.1	.1	3 3/4	1 1/4	3 1/4	2	2	4 3/8	22.75	13.65
7140-.25	.25	3 3/4	1 1/4	3 1/4	2	2	4 3/8	24.00	14.40
7140-.5	.5	3 3/4	1 3/4	3 1/2	2	2	4 3/8	27.25	16.35
7140-1	1.	3 3/4	2 1/4	4 1/4	2	2	4 3/8	33.50	20.10
7140-2	2.	3 3/4	3 3/16	5 1/2	2	2	4 3/8	42.50	25.50
7140-4	4.	3 3/4	4 9/16	7	2	2	4 3/8	60.75	36.45
5000 V.D.C. Working									
7150-.25	.25	3 3/4	1 3/4	3 1/4	2	2	4 3/8	26.50	15.90
7150-.5	.5	3 3/4	1 3/4	4 1/2	2	2	4 3/8	30.25	18.15
7150-1	1.	3 3/4	2 1/4	6	2	2	4 3/8	38.00	22.80
7150-2	2.	3 3/4	4 9/16	5 3/4	2	2	4 3/8	48.75	29.25
6000 V.D.C. Working									
7160-1	1.	3 3/4	4 9/16	5	2	2	4 3/8	76.00	45.60

Prices subject to change without notice.

SANGAMO CAPACITORS

TYPE 75 DIACLOR IMPREGNATED A.C. CAPACITOR

TYPE 75



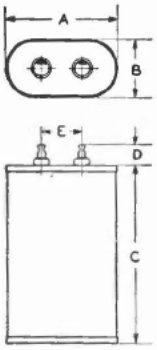
Type 75 Sangamo Diaclor Impregnated Capacitors are designed for continuous A.C. duty in ambient temperatures up to 75 degrees centigrade. These capacitors are recommended for use with capacitor motors—as power factor correction capacitors—and other similar A.C. applications. They are supplied with either the composition rivet or screw terminal, or with stand-off porcelain terminal. Type mounting bracket desired should be specified when ordering.

Catalog Number	Capacity Mfd.	Dimensions — Inches A	B	C	D	List Price	Net Price
		220 V.A.C. Working					
7522-2	2.	1 13/16	1 1/16	2 3/4	7/8	$4.25	$2.55
7522-3	3.	1 13/16	1 1/16	3 1/4	7/8	4.95	2.97
7522-3.75	3.75	2 1/2	1 3/16	2 7/8	7/8	5.35	3.21
7522-5	5.	2 1/2	1 3/16	3 1/4	7/8	6.10	3.36
7522-7.5	7.5	3 3/4	1 1/4	3 3/4	7/8	7.65	4.59
7522-8	8.	3 3/4	1 1/4	3 3/4	7/8	8.05	4.83
7522-10	10.	3 3/4	1 1/4	3 3/4	7/8	9.20	5.52
7522-12	12.	3 3/4	1 3/4	3 1/4	7/8	10.91	6.55
7522-15	15.	3 3/4	1 3/4	3 7/8	7/8	12.90	7.74
7522-25	25.	3 3/4	3 3/16	4 1/8	7/8	19.65	11.79
		330 V.A.C. Working					
7533-2	2.	1 13/16	1 1/16	3 7/8	7/8	4.75	2.85
7533-3	3.	1 13/16	1 1/16	4 3/4	7/8	5.65	3.45
7533-3.75	3.75	2 1/2	1 3/16	3 3/4	7/8	6.10	3.36
7533-5	5.	2 1/2	1 3/16	4 5/8	7/8	6.95	4.17
7533-7.5	7.5	3 3/4	1 1/4	4 5/8	7/8	8.55	5.13
7533-10	10.	3 3/4	1 1/4	5 1/2	7/8	10.40	6.24
		440 V.A.C. Working					
7544-1	1.	1 13/16	1 1/16	2 1/2	7/8	4.95	2.97
7544-2	2.	1 13/16	1 1/16	3 7/8	7/8	5.90	3.54
7544-3	3.	2 1/2	1 3/16	3 1/4	7/8	6.60	3.96
7544-3.75	3.75	2 1/2	1 3/16	3 3/4	7/8	7.05	4.23
7544-5	5.	3 3/4	1 1/4	3 1/2	7/8	8.30	4.98
7544-7.5	7.5	3 3/4	1 3/4	3 1/2	7/8	10.10	6.06
7544-10	10.	3 3/4	1 3/4	4 1/4	7/8	12.30	6.78
		660 V.A.C. Working					
7566-1	1.	1 13/16	1 1/16	3 1/4	7/8	5.30	3.18
7566-2	2.	2 1/2	1 1/16	3 5/8	7/8	6.95	4.17
7566-3	3.	3 3/4	1 1/4	3 1/2	7/8	7.85	4.71
7566-3.75	3.75	3 3/4	1 3/4	3 1/4	7/8	8.65	5.19
7566-5	5.	3 3/4	1 3/4	3 7/8	7/8	10.25	6.15

Inquiry should be directed to the factory for capacities and voltages other than those listed above. Prices subject to change without notice.

TYPE 80 DIACLOR IMPREGNATED A.C. CAPACITOR

TYPE 80

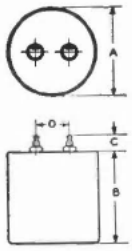


Sangamo Type 80 Diaclor Impregnated capacitors are especially recommended for fluorescent use but can be employed for numerous A.C. applications. These units are designed to operate continuously at 75 degrees centigrade.

Catalog Number	Capacity Mfd.	Dimensions — Inches A	B	C	D	E	List Price	Net Price
		220 V.A.C. Working						
8022-3.75	3.75	2	1	3 3/16	3/4	1	$4.85	$2.91
8022-4.5	4.5	2	1	4 1/16	3/4	1	5.25	3.15
8022-4.75	4.75	2	1	4 3/16	3/4	1	5.40	3.24
8022-5	5.	2	1	4 3/16	3/4	1	5.55	3.33
8022-5.5	5.5	2	1	4 7/16	3/4	1	5.80	3.48
		330 V.A.C. Working						
8033-2	2.	2	1	2 3/16	3/4	1	4.25	2.55
8033-2.5	2.5	2	1	2 5/16	3/4	1	4.50	2.70
8033-2.75	2.75	2	1	2 5/16	3/4	1	4.75	2.85
8033-3.	3.	2	1	2 11/16	3/4	1	5.00	3.00
8033-3.25	3.25	2	1	2 13/16	3/4	1	5.20	3.12
8033-3.5	3.5	2	1	3 1/16	3/4	1	5.35	3.21
8033-3.75	3.75	2	1	3 3/16	3/4	1	5.55	3.33
8033-4	4.	2	1	3 7/16	3/4	1	5.80	3.48

TYPE 90 DIACLOR IMPREGNATED A.C. CAPACITOR

TYPE 90



Sangamo Type 90 Diaclor Impregnated capacitors are designed to operate continuously at 75 degrees centigrade in any standard A.C. application. They are particularly adaptable to fluorescent use. Either composition rivet or pyrex glass terminals are available.

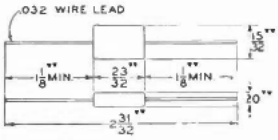
Catalog Number	Capacity Mfd.	Dimensions — Inches A	B	C	D	List Price	Net Price
		330 V.A.C. Working					
9033-1.5	1.5	2	2 3/16	3/4	1	$4.00	$2.40
9033-2.5	2.5	2	2 3/16	3/4	1	4.50	2.70
9033-2.75	2.75	2	2 3/16	3/4	1	4.75	2.85
9033-3	3.	2	2 3/16	3/4	1	5.00	3.00
9033-3.5	3.5	2	2 3/16	3/4	1	5.35	3.21
9033-3.75	3.75	2	2 3/16	3/4	1	5.55	3.33
9033-4	4.	2	2 1/2	3/4	1	5.80	3.48
9033-5	5.	2	2 3/4	3/4	1	6.55	3.93

Inquiry should be directed to the factory for capacities and voltages other than those listed above. Prices subject to change without notice.

SANGAMO CAPACITORS

TYPE K Mica Capacitor

TYPE KR Silvered Mica



Type K Mica

Catalog Number	Capacity Mfd.	List Price	Net Price
500 V.D.C. Working— 1000 V.D.C. Test			
K-1550	.000005	$0.25	$0.15
K-1410	.00001	.25	.15
K-1415	.000015	.25	.15
K-1420	.00002	.25	.15
K-1425	.000025	.25	.15
K-1430	.00003	.25	.15
K-1439	.000039	.25	.15
K-1443	.000043	.20	.12
K-1450	.00005	.20	.12
K-1475	.000075	.20	.12
K-1310	.0001	.20	.12
K-1315	.00015	.20	.12
K-1320	.0002	.20	.12
K-1325	.00025	.25	.15
K-1330	.0003	.25	.15
K-1340	.0004	.25	.15
K-1350	.0005	.25	.15
K-1370	.0007	.35	.21
K-1380	.0008	.35	.21
K-1210	.001	.35	.21

Standard tolerance, ±20%, B characteristic.

Type KR Silvered Mica

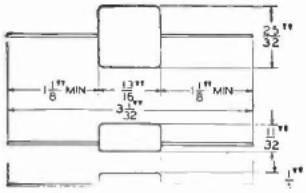
Catalog Number	Capacity Mfd.	List Price	Net Price
500 V.D.C. Working— 1000 V.D.C. Test			
KR-1550	.000005	$0.45	$0.27
KR-1410	.00001	.40	.24
KR-1415	.000015	.40	.24
KR-1420	.00002	.40	.24
KR-1425	.000025	.40	.24
KR-1430	.00003	.40	.24
KR-1439	.000039	.40	.24
KR-1443	.000043	.40	.24
KR-1450	.00005	.40	.24
KR-1475	.000075	.40	.24
KR-1310	.0001	.40	.24
KR-1315	.00015	.45	.27
KR-1320	.0002	.45	.27
KR-1325	.00025	.45	.27
KR-1330	.0003	.55	.33
KR-1340	.0004	.65	.39
KR-1350	.0005	.70	.42
KR-1370	.0007	.75	.45
KR-1380	.0008	.80	.48
KR-1210	.001	.90	.54

Standard tolerance, ±5%, C characteristic.

Inquiry should be directed to the factory as to the availability of capacities and voltages other than those listed.

TYPE C Mica Capacitor

TYPE CR Silvered Mica



Type C Mica

Catalog Number	Capacity Mfd.	List Price	Net Price
500 V.D.C. Working— 1000 V.D.C. Test			
C-1350	.0005	$0.25	$0.15
C-1362	.00062	.25	.15
C-1375	.00075	.25	.15
C-1380	.0008	.25	.15
C-1390	.0009	.25	.15
C-1210	.001	.30	.18
C-1215	.0015	.30	.18
C-1220	.002	.40	.24
C-1225	.0025	.45	.27
*C-1230	.003	.50	.30
*C-1240	.004	.50	.30
*C-1250	.005	.65	.39
*C-1260	.006	.65	.39
300 V.D.C. Working— 600 V.D.C. Test			
*C-06275	.0075	.90	.54
*C-06280	.008	1.00	.60
*C-06290	.009	1.00	.60
*C-06110	.01	1.20	.72

Standard tolerance, ±20%, B characteristic. *Thickness 11/32"

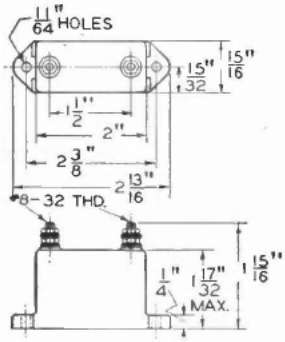
Type CR Silvered Mica

Catalog Number	Capacity Mfd.	List Price	Net Price
500 V.D.C. Working— 1000 V.D.C. Test			
CR-1350	.0005	$0.70	$0.42
CR-1362	.00062	.80	.48
CR-1375	.00075	.85	.51
CR-1380	.0008	.95	.57
CR-1390	.0009	1.00	.60
CR-1210	.001	1.10	.66
CR-1215	.0015	1.35	.81
CR-1220	.002	1.35	.81
CR-1225	.0025	1.80	1.08
*CR-1230	.003	2.05	1.23
*CR-1240	.004	2.15	1.29
*CR-1250	.005	2.25	1.35
*CR-1260	.006	2.40	1.44
300 V.D.C. Working— 600 V.D.C. Test			
*CR-06275	.0075	2.45	1.47
*CR-06280	.008	2.80	1.68
*CR-06290	.009	2.95	1.77
*CR-06110	.01	3.20	1.92

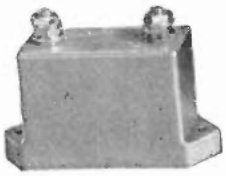
Standard tolerance, ±5%, C characteristic. *Thickness 11/32"

Inquiry should be directed to the factory as to the availability of capacities and voltages other than those listed.

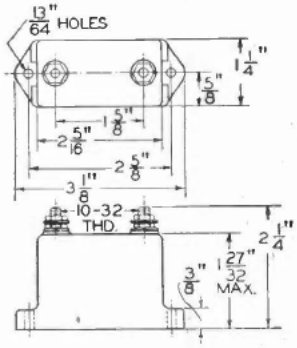
TYPES F1 AND F2 MICA CAPACITORS



TYPE F1



Types F1 and F2 capacitors, the smallest of the Sangamo line of transmitting types, possess a range of voltage and current ratings suitable for many applications. They are housed in low loss molded bakelite cases. The mica and foil sections are permanently clamped, vacuum impregnated, and installed in the case in such a manner as to provide stable characteristics and adequate moisture proofing.



TYPE F2

TYPE F1 MICA CAPACITORS

Catalog Number	Capacity Mfd.	Test Volts Effective Peak Wkg.	List Price	Net Price
F1-331	.0001	3000	$10.80	$6.48
F1-332	.0002	3000	10.80	6.48
F1-3325	.00025	3000	10.80	6.48
F1-335	.0005	3000	10.80	6.48
F1-321	.001	3000	10.80	6.48
F1-322	.002	3000	10.80	6.48
F1-223	.003	2000	10.80	6.48
F1-224	.004	2000	10.80	6.48
F1-225	.005	2000	10.80	6.48
F1-226	.006	2000	10.80	6.48
F1-1528	.008	1500	10.80	6.48
F1-111	.01	1000	10.80	6.48
F1-112	.02	1000	11.50	6.90
F1-0215	.05	250	11.50	6.90
F1-0201	.1	250	12.00	7.20

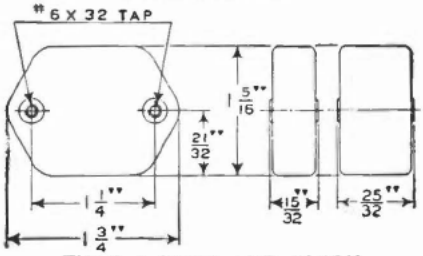
TYPE F2 MICA CAPACITORS

Catalog Number	Capacity Mfd.	Test Volts Effective Peak Wkg.	List Price	Net Price
F2-531	.0001	5000	$14.40	$8.64
F2-5325	.00025	5000	14.40	8.64
F2-535	.0005	5000	14.40	8.64
F2-536	.0006	5000	14.40	8.64
F2-521	.001	5000	14.40	8.64
F2-522	.002	5000	14.40	8.64
F2-523	.003	5000	16.00	9.60
F2-325	.005	3000	14.40	8.64
F2-326	.006	3000	14.40	8.64
F2-211	.01	2000	14.40	8.64
F2-212	.02	2000	16.00	9.60
F2-1515	.05	1500	14.50	8.70
F2-0501	.1	500	16.50	9.90
F2-0202	.2	250	22.00	13.50
F2-02025	.25	250	24.00	14.40

Standard tolerance ±5%, B characteristic.
Inquiry should be directed to the factory for availability of capacities and voltages other than those listed above.
Prices subject to change without notice.

SANGAMO CAPACITORS

TYPE A MICA CAPACITORS



TYPE A THIN AND THICK

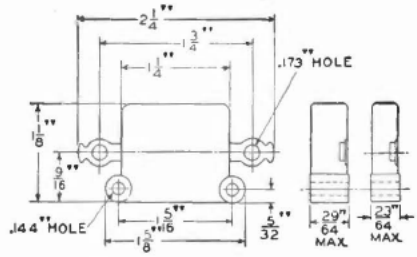
Catalog Number	Capacity Mfd.	List Price	Net Price
600 V.D.C. Working — 1200 V.D.C. Test			
A-1450	.00005	$0.85	$0.51
A-1310	.0001	.85	.51
A-1320	.0002	.85	.51
A-1350	.0005	.85	.51
A-1210	.001	.85	.51
A-1220	.002	.90	.54
A-1230	.003	1.20	.72
A-1250	.005	1.20	.72
A-1110	.01	1.95	1.17
A-1115	.015	2.25	1.35
A-1120	.02	2.60	1.56
*A-1125	.025	3.20	1.92
*A-1130	.03	3.45	2.07
*A-1150	.05	5.35	3.21
1200 V.D.C. Working — 2500 V.D.C. Test			
A-2450	.00005	1.00	.60
A-2310	.0001	1.00	.60
A-2320	.0002	1.00	.60
A-2350	.0005	1.00	.60
A-2210	.001	1.25	.75
A-2220	.002	1.90	1.14
A-2230	.003	2.20	1.32
A-2250	.005	2.40	1.44
A-2110	.01	3.90	2.34
*A-2115	.015	4.65	2.79
*A-2120	.02	5.45	3.21
*A-2130	.03	6.40	3.84
2500 V.D.C. Working — 5000 V.D.C. Test			
A-5450	.00005	1.25	.75
A-5310	.0001	1.25	.75
A-5320	.0002	1.40	.84
A-5350	.0005	1.70	1.02
A-5210	.001	2.05	1.23
A-5215	.0015	2.60	1.56
A-5220	.002	3.10	1.86
A-5230	.003	3.80	2.28
A-5250	.005	4.70	2.82
*A-5110	.01	5.70	3.42
*A-5115	015	6.20	3.72

*Thickness 25/32" — Standard Insulators are available if desired. If .144" clearance holes are required, designate by adding letter "A" to Type No. (AA).

Standard tolerance ±10%, B Characteristic, unless otherwise specified.

Inquiry should be directed to the factory as to the availability of capacities and voltages other than those listed above.

TYPE H MICA CAPACITORS



TYPE H THICK AND THIN

Catalog Number	Capacity Mfd.	List Price	Net Price
600 V.D.C. Working — 1200 V.D.C. Test			
H-1450	.00005	$0.70	$0.42
H-1310	.0001	.70	.42
H-1320	.0002	.70	.42
H-1350	.0005	.70	.42
H-1210	.001	.70	.42
H-1220	.002	.80	.48
H-1230	.003	1.00	.60
H-1250	.005	1.00	.60
H-1110	.01	1.60	.96
*H-1115	.015	1.80	1.08
*H-1120	.02	2.20	1.32
*H-1125	.025	2.65	1.59
*H-1130	.03	2.95	1.77
1200 V.D.C. Working — 2500 V.D.C. Test			
H-2450	.00005	1.00	.60
H-2310	.0001	1.00	.60
H-2320	.0002	1.00	.60
H-2350	.0005	1.00	.60
H-2210	.001	1.25	.75
H-2220	.002	1.90	1.14
H-2230	.003	2.10	1.26
*H-2250	.005	2.40	1.44
*H-2110	.01	3.90	2.34
2500 V.D.C. Working — 5000 V.D.C. Test			
H-5450	.00005	1.25	.75
H-5310	.0001	1.25	.75
H-5320	.0002	1.40	.84
H-5350	.0005	1.70	1.02
H-5210	.001	2.05	1.23
H-5215	.0015	2.70	1.62
H-5220	.002	3.10	1.86
*H-5230	.003	3.80	2.28
*H-5250	.005	4.70	2.82

*Thickness 29/64". For meter mounting bracket add letter "E" to Type designation; if assembled add 30 cents to list price; if unassembled add 20 cents and specify case size.

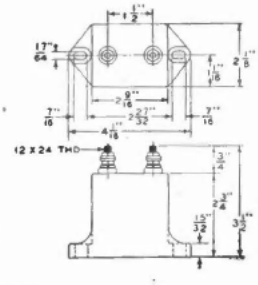
Standard tolerance ±10%, B Characteristic, unless otherwise specified.

Inquiry should be directed to the factory as to the availability of capacities and voltages other than those listed above.

Prices subject to change without notice.

SANGAMO CAPACITORS

TYPE E MICA CAPACITORS



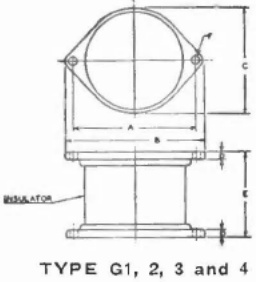
TYPE E

Catalog Number	Capacity Mfd.	Test Volts D.C.	List Price	Net Price
E-1245	.00005	12500	$8.00	$4.80
E-1231	.0001	12500	8.00	4.80
E-1235	.0005	12500	8.00	4.80
E-721	.001	7000	7.25	4.35
E-1221	.001	12500	8.00	4.80
E-722	.002	7000	9.50	5.70
E-1222	.002	12500	11.00	6.60
E-723	.003	7000	10.40	6.24
E-1023	.003	10000	13.60	8.16
E-3525	.005	3500	10.50	6.30
E-1025	.005	10000	14.50	8.70
E-3511	.01	3500	16.00	9.60
E-711	.01	7000	16.75	10.05
E-215	.05	2000	16.50	9.90
E-3515	.05	3500	18.50	11.10
E-201	.1	2000	18.50	11.10

Standard tolerance ±20%.

This type capacitor specifically designed for amateur transmitters. It is not recommended for commercial applications.

TYPES G1, G2, G3 AND G4 MICA CAPACITORS



TYPE G1, 2, 3 and 4

TYPE G1

Catalog Number	Capacity Mfd.	Test Volts Effective Peak Wkg.	List Price	Net Price
G1-641	.00001	6000	$28.30	$16.98
G1-645	.00005	6000	30.50	18.30
G1-631	.0001	6000	32.10	19.26
G1-635	.0005	6000	37.00	22.20
G1-621	.001	6000	37.00	22.20
G1-622	.002	6000	39.00	23.40
G1-624	.004	6000	40.10	24.06
G1-625	.005	6000	41.00	24.60
G1-511	.01	5000	41.00	24.60
G1-312	.02	3000	41.00	24.60

TYPE G2

Catalog Number	Capacity Mfd.	Test Volts Effective Peak Wkg.	List Price	Net Price
G2-1031	.0001	10000	$52.00	$31.20
G2-1032	.0002	10000	52.00	31.20
G2-10325	.00025	10000	52.00	31.20
G2-1035	.0005	10000	52.00	31.20
G2-1021	.001	10000	52.00	31.20
G2-10215	.0015	10000	52.00	31.20
G2-1022	.002	10000	52.00	31.20
G2-824	.004	8000	52.00	31.20
G2-525	.005	5000	52.00	31.20
G2-511	.01	5000	55.00	33.00

Type G ceramic cased capacitors are intended for service where highest voltage and R.F. current ratings are required, such as in commercial transmitting or induction heating applications. All possible steps are taken in design and manufacturing operations to insure permanence of quality. Current ratings of these four sizes as well as detailed information on the Type G5 will be supplied upon request. Terminal plates are designed to permit any usual connecting or mounting practices.

TYPE G3

Catalog Number	Capacity Mfd.	Test Volts Effective Peak Wkg.	List Price	Net Price
G3-2031	.0001	20000	$85.00	$51.00
G3-2032	.0002	20000	90.00	54.00
G3-2035	.0005	20000	90.00	54.00
G3-2021	.001	20000	90.00	54.00
G3-15215	.0015	15000	90.00	54.00
G3-1522	.002	15000	93.50	56.10
G3-1025	.005	10000	98.50	59.10
G3-1011	.01	10000	109.50	65.70
G3-512	.02	5000	104.00	62.40
G3-313	.03	3000	93.00	55.80

TYPE G4

Catalog Number	Capacity Mfd.	Test Volts Effective Peak Wkg.	List Price	Net Price
G4-3031	.0001	30000	$134.50	$80.70
G4-3032	.0002	30000	152.00	91.20
G4-3035	.0005	30000	152.00	91.20
G4-3021	.001	30000	157.00	94.20
G4-25215	.0015	25000	134.50	80.70
G4-2022	.002	20000	134.50	80.70
G4-2024	.004	20000	139.50	83.70
G4-1525	.005	15000	147.50	88.50
G4-1526	.006	15000	155.00	93.00
G4-1011	.01	10000	161.00	96.60

Standard tolerance ±5%, B characteristic.

TYPE G MICA CAPACITOR DIMENSIONS — INCHES

Type	A	B	C	D	E	F
G1	3¼	3 13/16	2 13/16	¼	2½	17/64
G2	4¼	5	3½	¼	3	9/32
G3	5¾	6½	5	⅜	4	.377
G4	5¾	6½	5	⅜	5¾	.377

Inquiry as to the availability of capacities and voltages other than those listed above should be directed to the factory.

Prices subject to change without notice.

PLASTICON CAPACITORS

HI VOLT POWER SUPPLIES

Designed to transform 118V AC to high voltage—low current DC for use in radiation counters, oscilloscopes, dust precipitators, projection television sets, spectographic analysers, photoflash equipment, etc. Hi Volt Power Supplies are self-contained in hermetically sealed steel containers.

HIVOLT

Cat. No.	VDC	Dimensions	List Price
PS-1	2400	3½x3¾x5½"	$18.95
PS-2	2400	3½x3¾x5½"	25.75
PS-5	5000	4⅛x3¾x6½"	65.00
PS-10	10000	4⅛x3¾x8"	100.00
PS-30	30000	7x7x7"	250.00

PHOTOFLASH CAPACITORS

For the best in photoflash capacitors, specify PLASTICONS for faster discharge and more light. Type AOCOE are the lightest photoflash capacitors made, more flexible to use, safer and more economical than single high capacitance large block.

PHOTO FLASH

Cat. No.	Watt Sec.	Pk. Chg V.	Dimensions	List Price
AOCOE22C3	7.6	2250	4x2x1¼"	$4.95
AOCOE3M2	9	3000	4x2x1¼"	5.12
AOCOE4M1.5	12	4000	4x2x1¼"	5.45
AOCOE55C1	15.1	5500	4x2x1¼"	6.05
AOCE4M12	100	4000	4½x4⅛x3¾	46.20
AOCE4M24	200	4000	8x4⅛x3¾"	66.00

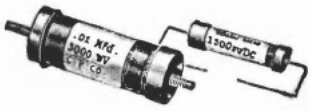
PLASTICONS

By the use of synthetic plastic film dielectrics, PLASTICONS can be made smaller, lighter, more efficient and more economical than older types of capacitors made with paper and mica insulation. Plasticon films are chemically purer and more uniform. Plasticon capacitors have a longer life and can operate under more severe conditions.

SPECIAL PLASTICONS

Taking advantage of the wide variety of plastic film dielectric characteristics, Plasticons are engineered to meet many special applications. We can furnish capacitors for 200°C for pulse network duty; close tolerances; ultra high resistance. Send us your specifications.

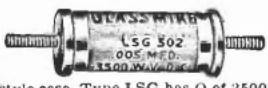
GLASSMIKES ASG



Type ASG are Plasticon A dielectric-silicone fluid impregnated capacitor elements in hermetically sealed glass tubes. Temperature range — 60° C to ± 125° C. The smallest and lightest high voltage capacitors made. Type ASG are ideal for DC and low frequency AC applications.

Cat. No.	Cap. Mfd.	Volts D.C.	Dimensions	List Price
ASG 1	.01	600	15/32x1 3/16"	$1.50
ASG 2	.02	600	15/32x1 3/16"	1.60
ASG 3	.05	600	19/32x1 5/16"	1.75
ASG 4	.1	600	¾x1¾"	1.95
ASG 5	.25	600	29/32x2¼"	2.25
ASG 6	.5	600	1⅜x2¾"	2.60
ASG 7	.005	1,000	15/32x1 3/16"	1.50
ASG 8	.01	1,000	15/32x1 3/16"	1.60
ASG 9	.02	1,000	19/32x1 5/16"	1.70
ASG 10	.05	1,000	¾x1¾"	1.85
ASG 11	.1	1,000	¾x2¼"	2.15
ASG 12	.25	1,000	29/32x2¾"	2.50
ASG 13	.002	2,000	19/32x1 5/16"	1.90
ASG 14	.005	2,000	19/32x1 5/16"	2.05
ASG 15	.01	2,000	19/32x1 5/16"	2.25
ASG 16	.02	2,000	19/32x1 5/16"	2.50
ASG 17	.05	2,000	¾x1¾"	2.80
ASG 18	.1	2,000	29/32x2¼"	3.20
ASG 19	.25	2,000	1⅜x2¾"	3.70
ASG 20	.001	3,000	19/32x1 5/16"	5.15
ASG 21	.002	3,000	19/32x1 5/16"	5.25
ASG 22	.005	3,000	19/32x1 5/16"	5.40
ASG 23	.01	3,000	19/32x1 5/16"	5.60
ASG 24	.02	3,000	¾x1¾"	5.85
ASG 25	.05	3,000	29/32x2¼"	6.15
ASG 26	.1	3,000	1⅜x2¾"	6.50
ASG 27	.001	5,000	19/32x1 5/16"	6.50
ASG 28	.002	5,000	19/32x1 5/16"	6.70
ASG 29	.005	5,000	19/32x1 5/16"	6.95
ASG 30	.01	5,000	¾x1¾"	7.25
ASG 31	.02	5,000	¾x2¼"	7.65
ASG 32	.05	5,000	1⅜x2¾"	8.15
ASG 33	.1	5,000	1⅜x3½"	9.10
ASG 34	.001	7,500	19/32x1 5/16"	7.00
ASG 35	.002	7,500	19/32x1 5/16"	7.25
ASG 36	.005	7,500	¾x1¾"	7.55
ASG 37	.01	7,500	¾x2¼"	8.15
ASG 38	.02	7,500	29/32x2¾"	9.25
ASG 39	.05	7,500	1⅜x2¾"	11.50
ASG 40	.0005	10,000	19/32x1 5/16	7.30
ASG 41	.001	10,000	19/32x1 5/16"	7.50
ASG 42	.002	10,000	19/32x1 5/16"	7.80
ASG 43	.005	10,000	¾x1¾"	9.00
ASG 44	.01	10,000	29/32x2¼"	10.50
ASG 45	.02	10,000	1⅜x2¾"	12.50
ASG 46	.03	10,000	1⅜x3½"	15.00
ASG 60	.06	10,000	1⅜x3½"	17.50
ASG 47	.0005	15,000	29/32x2¾"	14.50
ASG 48	.001	15,000	29/32x2¾"	14.80
ASG 49	.002	15,000	1⅜x2¾"	15.50
ASG 50	.0005	20,000	1⅜x3½"	19.50
ASG 51	.001	20,000	1⅜x3½"	20.50
ASG 52	.0005	30,000	1⅝x3½"	22.50

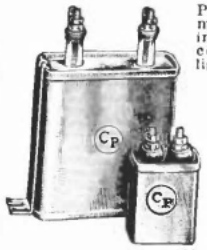
RF GLASSMIKES



Plasticon L film-silicone fluid impregnant in Glassmike style case. Type LSG has Q of 2500 to 5000. Rated at 3500 WV—7500 V Test. Lower losses, more easily mounted, smaller and more economical than mica capacitors.

Cat. No.	Cap. Mfd.	Dimensions OD Length	List Price
LSG500	.00005	19/32x1 3/16"	$1.50
LSG101	.0001	19/32x1 3/16"	1.50
LSG251	.00025	19/32x1 3/16"	1.50
LSG501	.0005	19/32x1 3/16"	1.50
LSG102	.001	19/32x1 3/16"	1.70
LSG202	.002	¾x1 5/16"	2.45
LSG502	.005	¾x1 3/4"	3.50
LSG602	.006	29/32x1 5/16"	3.75
LSG103	.01	29/32x1 3/4"	4.25

INDUSTRIAL and TRANSMITTING



Plasticon A element, mineral oil impregnated in sturdy lead coated steel containers. Smaller, lighter and more economical than paper capacitors. Temperature range — 40° C to + 105° C. Type AOC-rectangular; Type AOCO-flattened oval.

Type ASC and ASCO (not listed) have Plasticon A element, silicone impregnated. Same dimensions as corresponding AO types. Temperature range — 60° C to + 125° C; greater capacitance stability. Prices on application.

DC RECTANGULARS

Cat. No.	Cap. Mfd.	Volts DC	Dimensions	List Price
AOC6C1	1.0	600	2⅛ 1¾ 1"	$3.74
AOC6C2	2.0	600	2¾ 1¾ 1"	4.51
AOC6C4	4.0	600	3½ 2½ 1 5/16"	5.61
AOC6C8	8.0	600	4 3¾ 1¼"	8.47
AOC6C10	10.0	600	4⅝ 3¾ 1¼"	9.52
AOC1M1	1.0	1,000	2⅜ 1¾ 1"	4.02
AOC1M2	2.0	1,000	4 1¾ 1"	5.39
AOC1M4	4.0	1,000	4 2½ 1 5/16"	6.54
AOC1M8	8.0	1,000	4⅝ 3¾ 1¾"	9.24
AOC1M10	10.0	1,000	4⅝ 3¾ 1¾"	10.67
AOC2MO5	0.5	2,000	2⅜ 1¾ 1"	4.84
AOC2M1	1.0	2,000	3½ 1¾ 1"	5.88
AOC2M2	2.0	2,000	3½ 2½ 1 5/16"	6.82
AOC2M4	4.0	2,000	3½ 3¾ 1¾"	9.24
AOC3M1	1.0	3,000	4 2½ 1 5/16"	12.10
AOC3M2	2.0	3,000	4 3¾ 1¼"	15.40
AOC3M4	4.0	3,000	4⅝ 3¾ 2¼"	21.28
AOC4M1	1.0	4,000	4 3¾ 1¾"	27.50
AOC4M2	2.0	4,000	4 3¾ 1¾"	33.00
AOC4M4	4.0	4,000	4 3¾ 4 5/16"	50.44
AOC5M1	1.0	5,000	4 3¾ 1¾"	33.00
AOC5M2	2.0	5,000	3½ 3¾ 4 5/16"	41.25
AOC75C1	1.0	7,500	3½ 3¾ 4 5/16"	49.50
AOC10M1	1.0	10,000	4 3¾ 4 5/16"	88.00

DC OVALS

Cat. No.	Cap. Mfd.	Volts D.C.	Dimensions	List Price
AOCO6C2	2.0	600	2⅜ 2 1¼"	$4.40
AOCO6C4	4.0	600	4 2 1¼"	5.28
AOCO1M1	1.0	1,000	2⅜ 2 1¼"	3.85
AOCO1M2	2.0	1,000	3½ 2 1¼"	5.17
AOCO3MO1	0.1	3,000	2⅜ 2 1¼"	7.59
AOCO5MO1	0.1	5,000	2¾ 2 1¼"	14.08
AOCO5MO25	0.25	5,000	3½ 2 1¼"	15.40
AOCO5MO5	0.5	5,000	4⅝ 2 1¼"	18.15
AOCO8MOO5	0.05	8,000	2¾ 2 1¼"	15.18
AOCO8MO1	0.1	8,000	3½ 2 1¼"	16.72
AOCO10MOO5	0.05	10,000	3½ 2 1¼"	19.25

LABORATORY CAPACITORS

Type LAG (Glassmike style) and Type LAC (Rectangular can) have the lowest dielectric absorption of any capacitor made. Residual charge is .01 — .02%. Dissipation factor at 1 MC is .0002 to .0003. Capacitance and Q is constant from DC to 100 KC. Resistance averages one million megohms per microfarad. Standard capacitance tolerance is ± 5%. Type LA units are used for timing and integrating circuits.

Cat. No.	Cap. Mfd.	Dimensions
LAG101	.0001	19/32 x1 3/16"
LAG201	.0002	19/32x1 3/16"
LAG501	.0005	19/32x1 3/16"
LAG102	.001	19/32x1 3/16"
LAG202	.002	19/32x1¾"
LAG502	.005	¾x1¾"
LAG103	.01	¾x1¾"
LAG203	.02	¾x2¼"
LAG503	.05	29/32x2¼"
LAC104	.1	2¼x1¾x1"
LAC204	.2	2¼x2½x1 5/16"
LAC504	.5	4x2½x1 5/16"
LAC105	1.	4x3¾x1¼"
LAC205	2.	4x3¾x2¼"
LAC505	5.	6x3¾x4 5/16"

Prices Upon Application

Plasticons are manufactured by Condenser Products Company, Chicago 22, Illinois

Thank You!

When writing for additional information or when ordering from sources of supply listed in this book, please mention

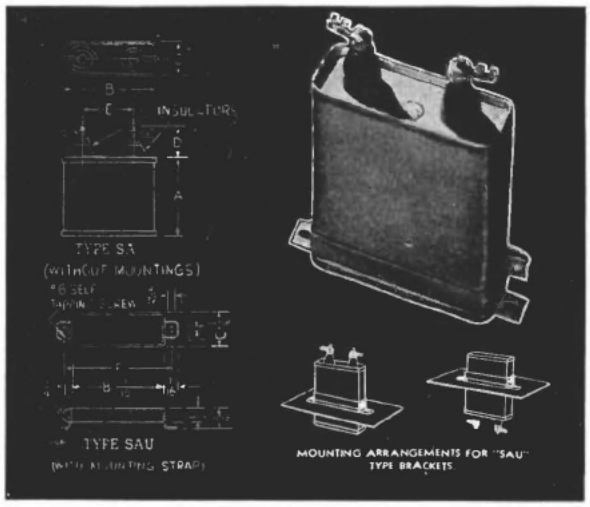
RADIO'S MASTER

INDUSTRIAL CONDENSER CORPORATION

TYPE "SA" OIL FILLED

1. INCCO OIL "A" IMPREGNATED AND FILLED—permitting efficient operation over widest range of temperatures.
2. HERMETICALLY SEALED CASE—is unaffected by time, humidity, or operating temperatures.
3. Use of HIGHEST GRADE CONDENSER TISSUES insures a long uninterrupted life.
4. HIGH-GLAZE PORCELAIN INSULATORS—insure low moisture absorption and high terminal to case flash over.
5. CONSERVATIVELY RATED—SAFE FOR CONTINUOUS OPERATION AT 10 PER CENT OVERLOAD.
6. Use of "SPACE SAVER" UNIVERSAL MOUNTING BRACKET provides adjustable capacitor heights.
7. LEAD COATED STEEL CASE—IS NON-CORROSIVE and lacquer finished.
8. TESTED FOUR TIMES BEFORE SHIPMENT—guarantees a 100 per cent perfect product electrically and mechanically.

If riveted terminal construction is wanted in place of porcelain stand-off insulators add "R" to catalog number. For example, 6SA50 changes to 6SAR50. Submersion proof terminal construction to meet Army and Navy Specifications is optional; specify on order. Standard capacity tolerance plus or minus 10 per cent. Mounting brackets supplied in accordance with following catalog designations: **TYPE SA**—No mounting brackets. **TYPE SAU**—"Space Saver" universal bracket. **TYPE SAJ**—Soldered vertical mounting bracket. **Type SAL**—Reversible mounting foot bracket. **TYPE SAH**—Reversible spade bolt bracket.



For example: The 8mfd. 600V. type with "Space Saver" bracket has catalog number 6SAU800.

NOTE: To facilitate delivery we have standardized on container heights. In many cases units can be supplied in shorter containers if required.

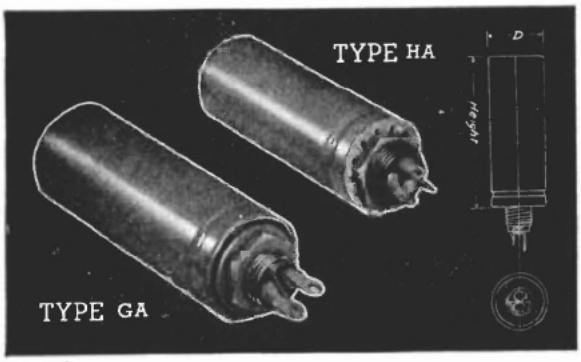
Cat. No.	Cap. Mfd.	A	B	C	D	E	F	H	List Price
				600 V.D.C. WORKING					
				Dimensions in Inches					
6SA50	.5	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	$3.61
6SA100	1.0	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	4.46
6SA200	2.0	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	5.53
6SA400	4.0	4 1/8	2 1/2	1 3/16	7/8	1 1/8	3	3	7.01
6SA600	6.0	4 3/4	2 1/2	1 3/16	7/8	1 1/8	3	3	8.71
6SA800	8.0	4	3 3/4	1 1/4	7/8	2	4 3/8	4 3/8	10.41
6SA1000	10.0	4 3/4	3 3/4	1 1/4	7/8	2	4 3/8	4 3/8	11.69
				1000 V.D.C. WORKING					
10SA10	.1	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	3.19
10SA25	.25	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	3.61
10SA50	.5	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	3.83
10SA100	1.0	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	4.89
10SA200	2.0	4	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	6.38
10SA400	4.0	4 3/4	2 1/2	1 3/16	7/8	1 1/8	3	3	8.08
10SA600	6.0	4 3/4	3 3/4	1 1/4	7/8	2	4 3/8	4 3/8	10.84
10SA800	8.0	4 3/4	3 3/4	1 1/4	7/8	2	4 3/8	4 3/8	11.69
10SA1000	10.0	4 3/4	3 3/4	1 3/4	7/8	2	4 3/8	4 3/8	12.96
				1500 V.D.C. WORKING					
15SA50	.5	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	4.89
15SA100	1.0	4	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	5.74
15SA200	2.0	4 1/8	2 1/2	1 3/16	7/8	1 1/8	3	3	8.08
15SA400	4.0	4 3/4	3 3/4	1 1/4	7/8	2	4 3/8	4 3/8	10.84
15SA600	6.0	4 3/4	3 3/4	1 3/4	7/8	2	4 3/8	4 3/8	13.18
				2000 V.D.C. WORKING					
20SA10	.1	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	5.10
20SA25	.25	2 7/8	1 13/16	1 1/16	7/8	3/4	2 1/4	2 1/4	5.53
				2000 V.D.C. WORKING					
				Dimensions in Inches					
20SA50	.5	2 7/8	1 13/16	1 1/16	7/8	1 1/8	3	3	$5.74
20SA100	1.0	4 1/8	2 1/2	1 3/16	7/8	2	4 3/8	4 3/8	7.01
20SA200	2.0	4	3 3/4	1 1/4	7/8	2	4 3/8	4 3/8	8.29
20SA400	4.0	4 1/4	3 3/4	2 1/4	7/8	2	4 3/8	2	4 3/8 11.69
20SA600	6.0	4 3/4	3 3/4	3 1/16	7/8	3/4	2 1/4		2 1/4 15.51
				2500 V.D.C. WORKING					
25SA50	.5	4	3 3/4	1 1/4	1 7/16	2	4 3/8		4 3/8 8.93
25SA100	1.0	3 1/4	3 3/4	1 3/4	1 1/4	2	4 3/8		4 3/8 10.20
25SA200	2.0	4 3/4	3 3/4	1 3/4	1 1/4	2	4 3/8		4 3/8 16.58
25SA400	4.0	4 1/4	3 3/4	4 5/16	1 1/4	2	4 3/8	3 3/8	4 23.16
				3000 V.D.C. WORKING					
30SA10	.1	2 5/8	2 1/2	1 3/16	1 1/4	1 1/8	3		3 10.84
30SA25	.25	3 3/8	2 1/2	1 3/16	1 1/4	1 1/8	3		3 11.48
30SA50	.5	4 1/8	2 1/2	1 3/16	1 1/4	1 1/8	3		3 12.96
30SA100	1.0	4 1/4	3 3/4	2 1/4	1 1/4	2	4 3/8		4 3/8 15.51
30SA200	2.0	4 3/4	3 3/4	3 7/16	1 1/4	2	4 3/8	2	4 3/8 19.34
				4000 V.D.C. WORKING					
40SA10	.1	2 3/4	3 3/4	2 1/4	1 1/4	2	4 3/8		4 3/8 19.34
40SA25	.25	2 3/4	3 3/4	2 1/4	1 1/4	2	4 3/8		4 3/8 20.40
40SA50	.5	4 1/4	3 3/4	2 1/4	1 1/4	2	4 3/8		4 3/8 23.16
40SA100	1.0	5	3 3/4	2 1/4	1 1/4	2	4 3/8		4 3/8 28.48
				5000 V.D.C. WORKING					
50SA50	.5	4 1/4	3 3/4	2 1/4	1 1/4	2	4 3/8		4 3/8 25.71
50SA100	1.0	4 1/4	3 3/4	4 5/16	1 1/4	2	4 3/8	3 3/8	4 3/8 32.30
				6000 V.D.C. WORKING					
60SA50	.5	7	3 3/4	3 7/16	2 13/16	1 7/8	4 3/8	2	4 3/8 51.64
60SA100	1.0	6 1/2	3 3/4	4 5/16	2 13/16	2	4 3/8	3 3/8	4 3/8 64.60

* Where G dimension is given, two spade lugs or mountings holes are supplied on each bracket.

TYPES "GA" and "HA" OIL FILLED

These inverted mounting capacitors fill a definite need where chassis space is the prime factor.

Types "GA" and "HA" are INCCO Oil "A" impregnated and filled.



The case is a one-piece metal extrusion with a "locked-in" molded neck. This construction meets and surpasses the Army and Navy requirements for a submersion-proof capacitor.

Type "GA" is available in the seven standard rating listed below, but can also be supplied in other capacities and/or voltages to manufacturers' specifications.

In the standard "GA" and "HA" types the container is insulated. A grounding lug can be supplied for connecting one terminal to the case. Fiber washer for insulating container from chassis, when case is grounded, and insulating cover for insulating the container from adjacent equipment, can also be supplied on special order.

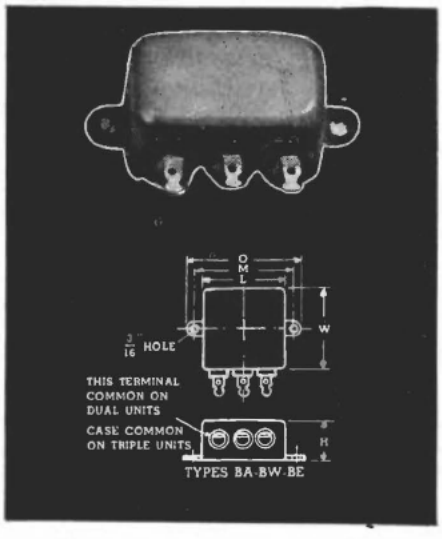
Type "HA" differs from "GA" in container and mounting neck size, and also in the fact that it has three insulated terminals. Primarily, type "HA" is supplied to manufacturers specifications, to meet special requirements of multiple-section and multiple-terminal capacitors, with either insulated or grounded container.

Type	Case Diameter	Size of Mounting Neck
GA — GE — GW	1 1/2"	3/4" x 16 thread
HA — HE — HW	1 3/8"	7/8" x 16 thread

Cat. No.	Cap. Mfds.	Working Voltage D.C.	Height	List Price
6GA200	2	600	3"	$4.15
6GA300	3	600	4 1/4"	4.95
6GA400	4	600	4 1/4"	5.70
10GA100	1	1000	3"	3.80
10GA200	2	1000	4 1/4"	4.95
15GA50	.5	1500	3"	4.55
15GA100	1	1500	4 1/4"	4.95

INDUSTRIAL CONDENSER

INDUSTRIAL CONDENSER CORPORATION



DRY ELECTROLYTICS

Type "B" electrolytic capacitor is the first commercially available unit of this type with the reliability of the total submersion type, oil filled capacitors.

Wound with the highest purity aluminum foil and cellulose separators available; impregnated in electrolyte having excellent temperature characteristics, these units will outlive their associated equipment.

Cat. No.	Cap. in Mfds.	Volts	Dimen. in Inches L	W	H	M	List Price
52BE10	10	25	1 13/16	1	13/16	2 1/8	$2.70
52BE25	25	25	1 13/16	1	13/16	2 1/8	2.70
52BE50	50	25	1 13/16	1	13/16	2 1/8	2.80
05BE10	10	50	1 13/16	1	13/16	2 1/8	2.75
05BE25	25	50	1 13/16	1	13/16	2 1/8	2.75
05BE50	50	50	1 13/16	1	13/16	2 1/8	3.00

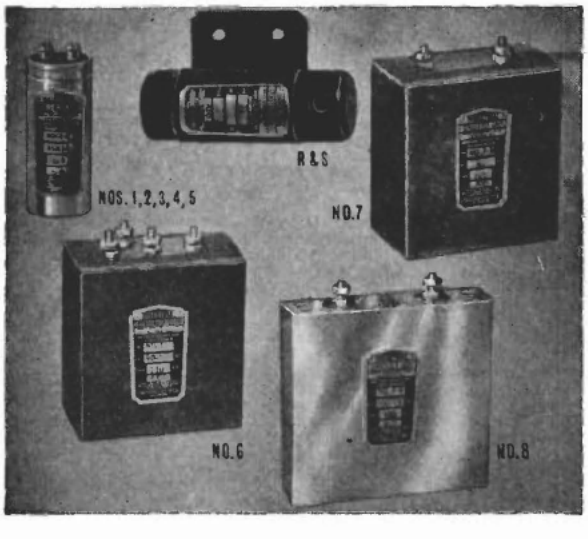
Built to U. S. Signal Corps and Navy Specifications
TYPE "BA" OIL FILLED

1. INCCO OIL "A" permits efficient operation of these compact units over the widest range of temperature.
2. The use of the HIGHEST GRADE CONDENSER TISSUE insures greater safety factor and longer life.
3. Specially PROCESSED RIVETED TERMINALS are designed to withstand total submersion in salt water and changes in temperature from 50° below zero Centigrade to 90° above zero Centigrade without loosening or losing their integrity.
4. CONDENSER MOUNTINGS form an integral part of these drawn shell containers insuring permanent and rigid fastenings.
5. All units are NON-INDUCTIVELY WOUND providing efficient operation over the widest range of frequencies.
6. HERMETICALLY SEALED, they are unaffected by time, temperature or humidity.
7. CONSERVATIVELY RATED for safe and continuous uninterrupted operation at 10% above rated voltage for the lifetime of associated equipment.
8. Tested at twice the rated voltage between terminals and twice the rated voltage plus 1000 from each terminal to case.

Cat. No.	Cap. in MFDS.	Dimensions in Inches L	W	H	M	O	List Price
		600 V. D. C. WORKING					
6BA05	.05	1 13/16	1	13/16	2 1/8	2 1/2	$2.20
6BA10	.1	1 13/16	1	13/16	2 1/8	2 1/2	2.25
6BA25	.25	1 13/16	1	13/16	2 1/8	2 1/2	2.40
6BA50	.5	1 13/16	1	7/8	2 1/8	2 1/2	2.55
6BA100	1.0	2	1 3/4	7/8	2 3/8	2 3/4	2.90
6BA0505	.05-.05	1 13/16	1	13/16	2 1/8	2 1/2	2.80
6BA11	.1-.1	1 13/16	1	13/16	2 1/8	2 1/2	2.85
6BA22	.25-.25	2	1 3/4	7/8	2 3/8	2 3/4	2.90
6BA55	.5-.5	2	1 3/4	7/8	2 3/8	2 3/4	3.30
6BA111	.1-.1-.1	1 13/16	1	13/16	2 1/8	2 1/2	3.25
6BA200	2	2	2	1 1/8	2 3/8	2 13/16	3.90
		1000 V. D. C. WORKING					
10BA05	.05	1 13/16	1	13/16	2 1/8	2 1/2	2.35
10BA10	.1	1 13/16	1	13/16	2 1/8	2 1/2	2.40
10BA25	.25	1 13/16	1	13/16	2 1/8	2 1/2	2.50
10BA50	.5	2	1 3/4	7/8	2 3/8	2 3/4	2.70
10BA100	1.0	2	2	1 1/8	2 3/8	2 13/16	3.40
10BA0505	.05-.05	1 13/16	1	13/16	2 1/8	2 1/2	3.00
10BA11	.1-.1	1 13/16	1	13/16	2 1/8	2 1/2	3.10
10BA22	.25-.25	2	1 3/4	7/8	2 3/8	2 3/4	3.25

Above units also available in 200 V. D. C., 400 V. D. C. and 1500 V. D. C, on request.

NOTICE—Most units are available with TERMINALS ON TOP, BOTTOM, OR ENDS. When ordering, add "T" for top terminals, "B" for terminals on bottom, or "E" for end terminals, i.e., 6BAT100 for terminals on top. Type "B" also available in WAX FILLED. When ordering, change catalog number A to W, i.e., 6BW100. If terminal position is not designated, side terminals are furnished. STANDARD CAPACITY tolerance of plus 20 per cent minus 10 per cent furnished on oil filled and wax filled units unless otherwise specified when ordering. Can be furnished in plus or minus 1 per cent capacity tolerance on special request.



MOTOR STARTING CONDENSERS

These motor starting condensers are all heavy duty three second start. Built of the finest materials obtainable, these capacitors are engineered to the Nth degree of perfection. They are used by all the leading manufacturers of high quality motors.

The listings shown will take care of 90% of all your replacement requirements.

Number	Size, Inches	Capacity	List Price
MS145	1 3/8 Dia. x 3 1/4	45 - 70	$1.90
MS170	1 3/8 Dia. x 3 1/4	70 - 85	2.00
MS185	1 3/8 Dia. x 3 1/4	85 - 115	2.05
MS1108	1 3/8 Dia. x 3 1/4	108 - 120	2.05
MS1120	1 3/8 Dia. x 3 1/4	120 - 150	2.15
MS1145	1 3/8 Dia. x 3 1/4	145 - 162	2.70
MS285	1 1/2 Dia. x 3 3/4	85 - 115	2.20
MS2120	1 1/2 Dia. x 3 3/4	120 - 150	2.30
MS390	2 Dia. x 4 1/8	90 - 115	3.05
MS3120	2 Dia. x 4 1/8	120 - 150	3.20
MS3245	2 Dia. x 4 1/8	245 - 300	4.20
MS3161	2 Dia. x 4 1/8	161 - 190	3.50
MS3191	2 Dia. x 4 1/8	191 - 240	3.85
MS485	2 1/2 Dia. x 4 1/8	85 - 115	3.05
MS4120	2 1/2 Dia. x 4 1/8	120 - 150	3.20
MS5100	3 Dia. x 4 1/8	100 - 115	3.10
MS690	3 1/2 x 4 x 2	90 - 115	3.30
MS6124	3 1/2 x 4 x 2	124 - 138	3.70
MS6145	3 1/2 x 4 x 2	145 - 162	4.30
MS780	3 1/2 x 4 x 2	80	3.20
MS750	3 1/2 x 4 x 2	50 - 65	3.05
MS8100	4 1/2 x 4 1/2 x 1 1/4	100 - 120	3.80
MS870	4 1/2 x 4 1/2 x 1 1/4	70 - 90	3.35
R	Mounting Bracket for 1 3/8 x 3 1/4		.75
S	Mounting Bracket for 2 x 4 1/8		.95

SEND FOR BULLETIN No. 1075 WHICH LISTS OUR OIL FILLED MOTOR RUNNING CAPACITORS

INDUSTRIAL CONDENSER CORPORATION

INDUSTRIAL CONDENSER

CAPACITORS TO 250,000 V.D.C.W.

INCCO OIL "A" IMPREGNATED AND FILLED assures smaller size, low power factor, and widest range of operating temperatures.

ELECTRIC ARC WELDED HEAVY GAUGE HOT TINNED STEEL CASES are non-corrosive—finished in durable lacquer.

GLAZED WET-PROCESS PORCELAIN INSULATORS—low moisture absorption and high terminal to case flash over.

WOUND WITH HIGHEST GRADE CONDENSER TISSUES—insures a long, uninterrupted life.

CONSERVATIVELY RATED—Safe for continuous operation at 10 per cent overload.

HERMETICALLY SEALED STEEL CASE — unaffected by time, humidity or operating temperatures.

AVAILABLE TO MEET U. S. SIGNAL CORPS AND NAVY SALT WATER SUBMERSION REQUIREMENTS.

TYPE "WA" — HIGH VOLTAGE OIL FILLED CAPACITORS

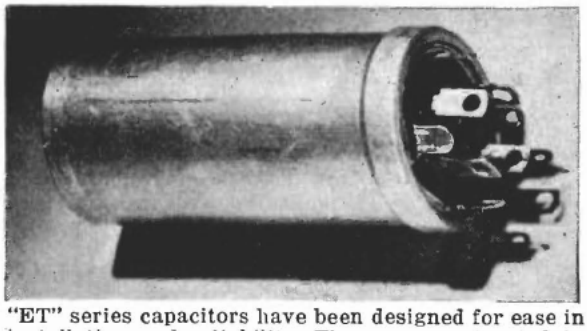
Cat. No.	Cap. Mfd.	Case Dimensions in Inches Width	Length	Height	List Price
		6,000 V. D. C. WORKING			
60WA200	2.	4	8	11	$108.00
60WA400	4.	4	12	11	132.00
60WA500	5.	4	12	11	150.00
60WA600	6.	4	12	13	168.00
60WA1000	10.	6	12	13	210.00
		7,500 V. D. C. WORKING			
75WA50	.5	4	8	11	60.00
75WA100	1.	4	8	11	78.00
75WA200	2.	4	8	11	120.00
75WA400	4.	4	12	13	180.00
75WA600	6.	6	12	13	216.00
		10,000 V. D. C. WORKING			
100WA100	1.	4	8	11	156.00
100WA200	2.	4	8	13	198.00
100WA400	4.	6	12	13	240.00
100WA500	5.	6	12	13	264.00
		12,500 W. D. C. WORKING			
125WA50	.5	4	8	11	132.00
125WA100	1.	4	12	11	168.00
125WA200	2.	6	12	13	210.00
125WA500	5.	9½	12	15	396.00

Cat. No.	Cap. Mfd.	Case Dimensions in Inches Width	Length	Height	List Price
		15,000 V. D. C. WORKING			
150WA25	.25	4	8	11	$126.00
150WA50	.5	4	12	11	150.00
150WA100	1.	4	12	13	210.00
150WA200	2.	9½	12	15	276.00
150WA300	3.	9½	12	15	378.00
		20,000 V. D. C. WORKING			
200WA25	.25	4	8	11	150.00
200WA50	.5	4	12	11	192.00
200WA100	1.	6	12	13	258.00
200WA150	1.5	9½	12	15	348.00
200WA200	2.0	9½	12	15	414.00
		25,000 V. D. C. WORKING			
250WA20	.2	4	12	11	156.00
250WA25	.25	4	12	11	210.00
250WA50	.5	6	12	13	228.00
250WA100	1.	9½	12	15	342.00
		50,000 V. D. C. WORKING			
500WA25	.25	6	13½	16¾	*
500WA50	.5	7¼	18	20	*
		80,000 V. D. C. WORKING			
800WA25	.25	7¼	18	20	*
		100,000 V. D. C. WORKING			
1000WA20	.2	7¼	18	20	*

* Prices on application.

Catalog Number	Cap. Mfd.	D.C. Voltage Working	Surge	Dim. in Ins. Diam.	Lg.	List Price
52ET100	100	25	35	1	2	$1.25
15ET30	30	150	225	1	2	1.10
15ET50	50	150	225	1	2	1.25
45ET10	10	450	550	1	2	1.15
45ET15	15	450	550	1	2	1.35
45ET20	20	450	550	1	2½	1.50
45ET30	30	450	550	1	3	1.75
15ET2x20	20-20	150	225	1	2	1.35
15ET2x30	30-30	150	225	1	2	1.50
15ET2x50	50-50	150	225	1	3	1.80
30ET2x15	15-15	300	400	1	2	1.70
35ET3020	30-20	350	450	1	3	2.25
45ET2x10	10-10	450	550	1	2½	1.80
ET100	30-20/20	150/25	225/35	1	2	1.90
ET101	40-30/20	150/25	225/35	1	2½	2.05
15ET3x20	20-20-20	150	225	1	2	2.00
ET102	40-20-20	150	225	1	2½	2.10
15ET3x40	40-40-40	150	225	1	3	2.20
ET103	10-10/25	450/25	550/35	1	3	2.00
45ET3x10	10-10-10	450	550	1	3	2.15

ET SERIES ELECTROLYTIC CAPACITORS



"ET" series capacitors have been designed for ease in installation and reliability. They are constructed to withstand the most severe operating conditions encountered in industrial and electronic equipment. Especially controlled manufacturing processes insure that the equipment in which these capacitors are used will function without interruption. Capacitors can be supplied for operation at temperatures ranging from minus 40 to plus 85 degrees Centigrade. Mounting is effected by inserting the capacitor through the slots in either the chassis or mounting plate, and twisting the mounting prongs 90 degrees.

INDUSTRIAL CONDENSER

INDUSTRIAL CONDENSER CORPORATION

TELEVISION AND TUBULAR PAPER CONDENSERS

TYPE PT

INDUSTRIAL By-Pass Capacitors are non-inductively wound and designed for maximum efficiency up to the highest frequencies. The units themselves are completely impregnated and sealed with a special non-hygroscopic sealing compound, thus preventing moisture penetration under the most humid conditions.

Catalog Number	Capacity Mfd.	Working Volts D.C.	List Price
PT100	.0001	1000	$0.20
PT101	.00025	1000	.20
PT102	.0005	1000	.20
PT103	.001	1000	.20
PT104	.002	1000	.20
PT105	.005	1000	.20
PT106	.006	1000	.20
PT107	.01	1000	.25
PT131	.001	600	.20
PT132	.002	600	.20
PT133	.005	600	.20
PT134	.006	600	.20
PT135	.01	600	.25
PT136	.02	600	.25
PT137	.03	600	.30
PT130	.04	600	.30
PT138	.05	600	.30
PT139	.1	600	.35
PT140	.25	600	.45
PT141	.5	600	.65
PT142	1.0	600	1.00
PT170	.01	400	.20
PT171	.02	400	.20
PT172	.05	400	.25
PT173	.1	400	.30
PT174	.25	400	.35
PT175	.5	400	.50
PT176	1.0	400	.75
PT200	.02	200	.20
PT201	.05	200	.20
PT202	.1	200	.25
PT203	.25	200	.35
PT204	.5	200	.45
PT205	1.0	200	.70
PT260*	.005	2000	.45
PT261*	.0075	2000	.45
PT262*	.01	2000	.45
PT263*	.02	2000	.50
PT264	.015-.015	1600	.80
PT268	.0005	6000	.75
PT265	.001	6000	.75
PT266	.005	6000	.75
PT269	.03	6000	1.10
PT267	.05	6000	1.15

* Vibrator capacitor.

RADIO INTERFERENCE ELIMINATORS

INDUSTRIAL CONDENSER CORP. has made a special study of the suppression of noises caused by fluorescent lighting. No. 7249 capacitor is designed with three leads, two leads to be connected across the 110 volt line and the single lead to be grounded. No. 4219 is housed in a metal container and is self grounding. It is supplied with strap mounting for easy installation. No. 4252 and No. 4253 are flat type units designed to mount on the ballast support of circline ballasts. The convenient mounting flap grounds the unit when the stem of the lamp is placed through the mounting hole.

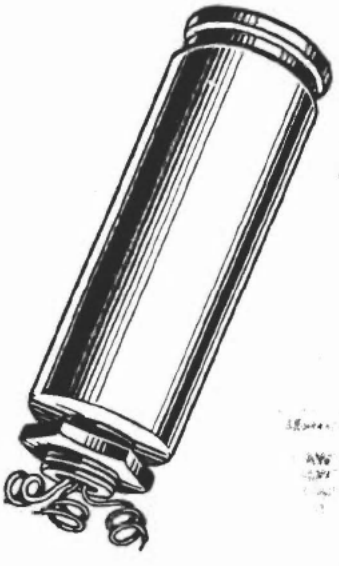
Catalog Number	Dimensions in Inches	List Price
7249	3/16 x 1 3/8	$1.00
4219	3/4 x 2	1.35
4252	2 1/8 x 5/8 x 11/32	1.50

DIRECT REPLACEMENT

For Either Dry or Wet Types

No Drilling — No Changes

The "IL" type capacitor is a dry electrolytic assembled in an aluminum container having a threaded mounting neck which is an integral part of the container.



Our "IL" type capacitors may be used as replacements for the old type wet or dry electrolytic capacitors and will mount in the same mounting hole as the part replaced, eliminating the use of adaptors or auxiliary workmanship.

Electrically and mechanically this condenser is designed for heavy duty service. It incorporates the exclusive INDUSTRIAL etched foil process of construction.

Although these capacitors are not hermetically sealed, they are highly superior to the paper type units generally used for this kind of replacement.

These units are supplied with Underwriters Approved 75° C rubber covered leads.

Individually boxed in attractive carton with instructions.

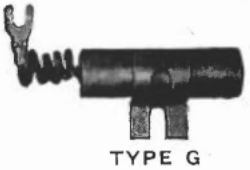
To replace 1 3/8" diameter screw neck type

Cat. No.	Cap. Mfd.	Work Volt	Peak Volt	Dimensions	Mtg. Neck	List Price
IL649	8	600	725	1 3/8" x 4"	3/4"	$3.40
IL650	8	475	600	1 3/8" x 4"	3/4"	1.55
IL651	12	475	600	1 3/8" x 4"	3/4"	1.83
IL652	16	475	600	1 3/8" x 4"	3/4"	2.04
IL653 4 leads	8-8	475	600	1 3/8" x 4"	3/4"	2.50
IL646	20	475	600	1 3/8" x 4"	3/4"	2.25
IL647	30	475	600	1 3/8" x 4"	3/4"	2.55
IL648	40	475	600	1 3/8" x 4"	3/4"	2.89

AUTO GENERATOR CONDENSER

ALSO AVAILABLE IN HERMETICALLY SEALED SUBMERSION-PROOF CONSTRUCTION

TYPE F



TYPE G

Completely enclosed in a metal container to overcome severe operating conditions of temperature and humidity. Sturdily built to withstand constant vibration.

Cat. No.	Cap. Mfd.	List Price	Cat. No.	Cap. Mfd.	List Price
G325	.25	$0.77	G328	1.0	$1.15
G326	.5	.85	F330	.5	1.06

INDUSTRIAL CONDENSER CORPORATION

DRY ELECTROLYTIC CONDENSERS

MIGHTY MIDGET METAL TUBULAR TYPE "MM"

Cat. No	Cap. Mfd.	W.V.	Peak Volts	Dimen. Dia. L.	List Price
MM406	100	10	15	11/16 x 1 11/16	$1.15
MM407	250	10	15	13/16 x 2 3/16	1.25
MM408	500	10	15	1 1/16 x 2 5/16	2.30
MM409	750	10	15	1 1/16 x 2 11/16	3.00
MM400	5	25	35	11/16 x 1 11/16	.70
MM401	10	25	35	11/16 x 1 11/16	.70
MM402	25	25	35	11/16 x 1 11/16	.75
MT403*†	10-10	25	35	11/16 x 2 3/8	.95
MM410	250	25	35	15/16 x 2 3/16	1.70
MM411	500	25	35	1 1/16 x 2 11/16	2.00
MM404	10	50	75	11/16 x 1 11/16	.70
MM405	25	50	75	11/16 x 1 11/16	.80
MM412	100	50	75	13/16 x 2 3/16	1.30
MM413	200	50	75	1 1/16 x 2 3/16	2.00
MM414	300	50	75	1 1/16 x 2 11/16	2.75
MM360	8	150	225	11/16 x 1 11/16	.70
MM368	12	150	225	11/16 x 1 11/16	.75
MM361	16	150	225	11/16 x 1 11/16	.80
MM362	20	150	225	11/16 x 2 3/16	.85
MM369	30	150	225	13/16 x 2 3/16	.90
MM363	40	150	225	13/16 x 2 3/16	1.00
MM373	60	150	225	1 1/16 x 2 3/16	1.20
MM374	80	150	225	1 1/16 x 2 3/16	1.30
MM370†	20-20	150	225	15/16 x 2 3/16	1.20
MM375†	30-30	150	225	1 1/16 x 2 3/16	1.35
MM376†	40-40	150	225	1 1/16 x 2 3/16	1.55
MM364	4	475	600	11/16 x 1 11/16	.80
MM365	8	475	600	13/16 x 2 3/16	.85
MM371	12	475	600	15/16 x 2 5/16	1.05
MM366	16	475	600	13/16 x 2 3/16	1.20
MM372	20	475	600	1 1/16 x 2 5/16	1.35
MM367†	8-8	475	600	1 1/16 x 2 3/16	1.50

* In cardboard tube with wax filled ends. † 3 leads.

An extremely popular type of condenser due to its exceptional high quality and midget size. Hermetically sealed in a small metal case and scientifically vented, to protect against adverse operating conditions of voltage, temperature and humidity. Container is insulated by a high grade tube which is spun over the ends of the can to eliminate shorts when wires are bent close to container. Easily mounted by their rigid wire leads.

Type MM

All Type "MM" units are available with mounting strap. Recommended in cases of extreme vibration or when advisable to have unit solidly anchored. When ordering add the letter S before the catalog number.

Type MMS

Each unit is completely embedded in a high grade wax and then sealed in an impregnated carton to insure efficient operation under the most adverse conditions. New, high voltage formation, gives complete protection against surges and high peak voltages. Supplied with color coded, Underwriters' Approved, rubber covered leads. Universal lugs permit easy mounting in any position.

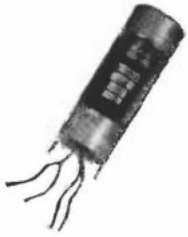
Type MC

MIGHTY MIDGET CARTON TYPE "MC"

Cat. No.	Cap. Mfd.	W.V.	Peak Volts	Dimensions W.	T.	L.	List Price
MC451†	20-20	150	225	2½ x	13/16 x	1¼	$2.10
MC452	8	475	600	2½ x	¾ x	1 1/16	1.45
MC453†	4-4	475	600	2½ x	13/16 x	1¼	1.90
MC454†	8-8	475	600	3 x	1 x	1¼	2.30

† 4 leads.

Spade bolt type "SB" of mounting has been very popular due to its wide use in many radio sets. Each unit is embedded in a high temperature wax and then sealed in a thoroughly impregnated cardboard tube, affording complete immunity to moisture penetration. New high voltage formation gives complete protection against surges and high peak voltages.



Type SB

"SB" AND "SM" TYPE

Cat. No	Cap. Mfd.	W.V.	Peak Volts	Dimen. Dia. L.	List Price
SB550†	16-12	150	225	1⅜ x 3¾	$1.90
SB552†	8-8	475	600	1⅜ x 3¾	1.90
SM600*	30-10	150	225	13/16 x 3	1.15
SM605*	20-20	150	225	15/16 x 2½	1.15
SM606†	20-20	150	225	1 x 2½	1.80
SM601*	30-30	150	225	15/16 x 3	1.30
SM608*	40-40	150	225	1 x 3	1.45
SM607*	50-30	150	225	1 x 3	1.45
SM610*	40-20	150	225	15/16 x 3	1.30
SM609†	30-20-20	150	225	1 x 3	1.70
SM603	8	475	600	13/16 x 3	1.05
SM604*	8-8	475	600	1 x 3	1.65

* SM600, SM605, SM601, SM608, SM607, SM610: 3 leads.
† SM606, SM609, SB550, SB552: 4 leads.

Type "SM" has identical characteristics as "SB". The addition of the strap mounting bracket has proved favorable in its use due to its wide application in AC-DC and portable sets in the replacement field. The strap can be moved to the best mounting position and then bolted or soldered.

Supplied with color-coded, Underwriters' Approved, rubber covered leads.

Type SM

Jennings RADIO
VACUUM ELECTRONIC COMPONENTS

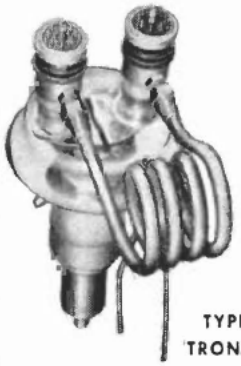
FIXED and VARIABLE HIGH VOLTAGE VACUUM CAPACITORS

• SPECIFICATIONS •

	FIGURES	JENNINGS TYPE NUMBERS	CAPACITIES IN MMFDS.	KV. PEAK TEST VOLTAGE	PEAK AMPERES	DIMENSIONS: Overall Length	DIMENSIONS: Maximum O. D.	DIMENSIONS: Ferrule Diameter	MOUNT C to C
VAC. FIXED NICKEL	8	VC	6, 12, 25, 50, 75, 100, 150	20-30	15-20	6½"	2¼"	13/16"	5⅞"
	8	VC	200, 250	20-30	15-20	6½"	2 11/16"	13/16"	5⅞"
		W	6, 12, 25, 50, 100	20	15	4 3/16"	2¼"	11/32"	3⅞"
	9	X	5, 10, 15, 20, 25	17	10	3¼"	1¼"	11/32"	2⅞"
	9	Y	1, 2, 3, 4, 5,	17	10	3¼"	⅞"	11/32"	2⅞"
	6	M	500, 750, 1000	10-15	30	8⅜"	5"	2"	6¼"
	6	ML	500, 750, 1000	20-30	30	9¼"	5"	2"	7¼"
	6	MH	200 or less	35-50	30	8½"	5"	2"	6 7/16"
		K	50	35-50	15-20	8½"	3"	¾"	7¾"
VAC. FIXED COPPER	5	JC-1	25 or less	15-25	40	4½"	1¾"	½"	3⅝"
	5	JC-2	25, 50, 100	15-25	60	3¾"	3¼"	51/64"	3⅛"
	3	JC-3	20, 40, 50, 60	35-50	200	8¼"	4¼"	2"	6½"
	3	JC-4	100 or 125	35-50	200	9¼"	5"	3⅛"	7"
	10	JCS	75, 100, 250	7.5-12	60	3⅝"	2⅝"	55/64"	3⅛"
	8	VCC	6, 12, 25, 50, 75, 100, 150	20-30	60	6½"	2¼"	13/16"	5⅞"
	8	VCC	200, 250	20-30	60	6½"	2 11/16"	13/16"	5⅞"
	6	MC	500, 750, 1000	10-15	85	8⅜"	5"	2"	6¼"
	6	MHC	200 or less	35-50	85	8½"	5"	2"	6 7/16"
VAC. VARIABLE NICKEL	7	T	5-25	20	15	6¼"	2¼"	½"	4"
	7	TR	2-8	17	15	6½"	2¼"	11/32"	4"
	4	AT	10-50	20-30	15	6½"	3"	½"	4 3/16"
	2	U	50-250	10-15	30	11 7/16"	5"	2"	6½"
	2	UH	10-75, 75-150	35-50	30	11 7/16"	5"	2"	6½"
	1	UX	40-560	10-15	30	14"	5"	3⅛"	7⅞"
	1	UXH	25-150	35-50	30	14½"	5"	3⅛"	8¼"
	2	VM	50-1000	10-15	30	14 5/16"	7"	3⅛"	7⅞"
VAC. VARIABLE COPPER	7	TC	5-25	20	30	6¼"	2¼"	½"	4"
	1	UXC	40-560	10-15	85	14"	5"	3⅛"	7⅞"
	11	UCS	5-200, 10-300	5-10	60	8 9/16"	2⅝"	2" x 55/64"	4 9/16"
	2	UC	50-250	35-50	85	11 7/16"	5"	2"	6½"
	2	UHC	10-75, 75-150	35-50	85	11 7/16"	5"	2"	6½"
	1	UXHC	15-100	35-50	85	14"	5"	3⅛"	7⅞"
	1	UXHC	25-150	35-50	85	14½"	5"	3⅛"	8¼"

CURRENT RATINGS MAY BE INCREASED BY FORCED COOLING—WITH ADEQUATE MOUNTINGS

JENNINGS RADIO MANUFACTURING COMPANY • 1098 E. WILLIAM ST. • SAN JOSE 12, CALIFORNIA



TYPE TRONAD

TRONAD... *It's New, It's Complete, It Simplifies*

1 Combines tube, variable or fixed vacuum condenser with coil.
2 Reduces and simplifies wiring. 3 Saves space and weight.
4 Increases circuit efficiency. 5 Eliminates circuit parasitics.
6 Makes practical Split-Stator operation for harmonic supression.
7 **Tronad** is designed for single ended units but available in Split-Stator. 8 (Air cooled or water cooled). 9 (Tube is replaceable).

FIXED AND VARIABLE HIGH VOLTAGE VACUUM CAPACITATORS

1

TYPE UX

2

TYPE U

3

TYPE JC-3

4

TYPE AT

5

TYPE JC-2

6

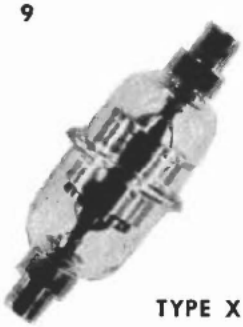
TYPE M

7

TYPE T

8

TYPE VCC

9

TYPE X

10

TYPE JCS

11

TYPE UCS

Special characteristics on a to-order basis

Watch **JENNINGS** *for new developments in the field of specialized*

VACUUM ELECTRONIC COMPONENTS

JENNINGS RADIO MANUFACTURING COMPANY • 1098 E. WILLIAM ST. • SAN JOSE 12, CALIFORNIA

CHICAGO CONDENSER CORPORATION

CHICAGO 47, ILLINOIS

TYPE NO.	CAP. MFD.	LENGTH	DIAMETER
200 VOLTS D.C. OPERATING			
25x2	1.0	2½"	1"
2500	.5	2"	¾"
2250	.25	1¾"	⅝"
2100	.1	1⅝"	½"
2050	.05	1¼"	7/16"
2040	.04	1¼"	7/16"
2030	.03	1¼"	⅜"
2020	.02	1¼"	⅜"
2010	.01	1¼"	⅜"
400 VOLTS D.C. OPERATING			
45x2	1.0	2½"	1"
4500	.5	2"	⅞"
4250	.25	2"	11/16"
4100	.1	1⅝"	9/16"
4050	.05	1⅝"	7/16"
4040	.04	1⅝"	7/16"
4030	.03	1⅝"	7/16"
4020	.02	1¼"	7/16"
4010	.01	1¼"	⅜"
600 VOLTS D.C. OPERATING			
6500	.5	2½"	1⅛"
6250	.25	2"	¾"
6100	.1	1⅞"	⅝"
6050	.05	1⅝"	9/16"
6040	.04	1⅝"	9/16"
6030	.03	1⅝"	½"
6020	.02	1⅝"	7/16"
6010	.01	1¼"	⅜"
6006	.006	1¼"	⅜"
6005	.005	1¼"	⅜"
6004	.004	1¼"	⅜"
6003	.003	1¼"	⅜"
6002	.002	1¼"	⅜"
6001	.001	1¼"	⅜"

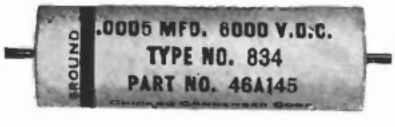
CHICAGO WAX TUBULAR CAPACITORS

- *NON-INDUCTIVELY WOUND*
- *HIGH VACUUM IMPREGNATION*
- *PAPER TUBES VACUUM WAXED*
- *TINNED COPPER WIRE*
- *END FILLED WITH HI-WAX*
- *FLASH TESTED 3 TIMES*

APPROVED TELEVISION CAPACITORS

USED BY LEADING MANUFACTURERS

TYPE NO.	CAPACITY	LENGTH	DIAMETER
6000 VOLTS D.C.			
834	.0005	2"	⅝"
833	.001	2"	⅝"
850	.005	2⅝"	1"
854	.03	3½"	1 1/16"
832	.05	3½"	1½"



CHICAGO OIL IMPREGNATED VACUUM FILLED CAPACITORS

BATH TUB TYPE CONDENSER

BATH TUB TYPE RADIO & MOTORS

INTERFERENCE • ELECTRONIC

SPECIAL TIMING • HERMETICALLY SEALED

TESTED AT THREE-TIME VOLTAGE

ALL SINGLE UNITS HAVE 2 TERMINALS—ALL DUAL UNITS HAVE 3 TERMINALS—ALL TRIPLE UNITS HAVE 3 TERMINALS—ONE GROUNDED TO CASE. OTHER UNITS HIGHER OR LOWER VOLTAGES CAN BE SUPPLIED UPON REQUEST.

ARCO ELECTRONICS, INC.

EL-MENCO CAPACITORS

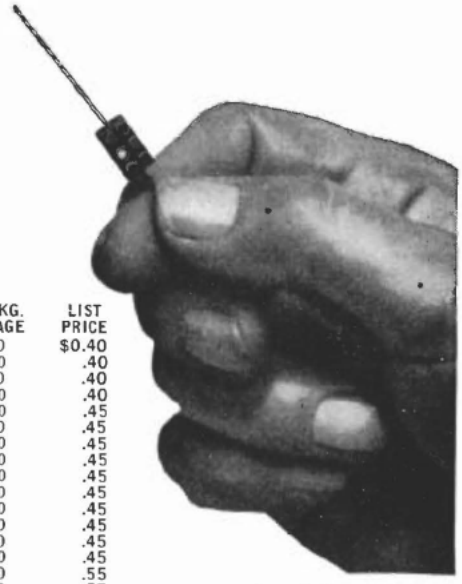
MINIATURE MICA CAPACITORS

Known the world over for their reliability under all operating conditions, EL-MENCO CAPACITORS are chosen by manufacturers who want successful performance and long life from their products.

SMALLER THAN YOUR FINGERNAIL BUT SKY HIGH IN PERFORMANCE

EL-MENCO fixed mica dielectric capacitors are compact, precision made Manufactured in accordance with American military standards to meet Army and Navy JAN-C-5 Specifications. All impregnated and JAN, RMA and RCM color coded. Standard specification limits are shown below.

Moulded in low loss bakelite, tested at double the working voltage. Tests for dielectric strength, insulation resistance, temperature co-efficient and capacitance drift, humidity and life tests according to JAN and RCM STANDARDS. All units are wax dipped for salt water immerison seal.



Actual Size
9/32" x ½" x 3/16".
For Television, Radio and other Electronic Applications.
2 - 420 mmf. cap. at 500v DCA.
2 - 535 mmf. cap. at 300v DCA.
Temperature Co-efficient ±50 parts per million per degree C for most capacity values.
6-dot color coded.

TYPE CM-15

TYPE DESIGNATION	CAP. MMF.	DC WKG. VOLTAGE	LIST PRICE	TYPE DESIGNATION	CAP. MMF.	DC WKG. VOLTAGE	LIST PRICE
CM-15-E-010-M	1	500	$0.50	CM-15-E-750-J	75	500	$0.40
CM-15-E-020-M	2	500	.50	CM-15-E-820-J	82	500	.40
CM-15-E-030-M	3	500	.50	CM-15-E-910-J	91	500	.40
CM-15-E-050-K	5	500	.40	CM-15-E-101-J	100	500	.40
CM-15-E-010-J	10	500	.40	CM-15-E-111-J	110	500	.45
CM-15-E-120-J	12	500	.40	CM-15-E-121-J	120	500	.45
CM-15-E-150-J	15	500	.40	CM-15-E-131-J	130	500	.45
CM-15-E-180-J	18	500	.40	CM-15-E-151-J	150	500	.45
CM-15-E-200-J	20	500	.40	CM-15-E-161-J	160	500	.45
CM-15-E-220-J	22	500	.40	CM-15-E-181-J	180	500	.45
CM-15-E-240-J	24	500	.40	CM-15-E-201-J	200	500	.45
CM-15-E-270-J	27	500	.40	CM-15-E-221-J	220	500	.45
CM-15-E-300-J	30	500	.40	CM-15-E-241-J	240	500	.45
CM-15-E-330-J	33	500	.40	CM-15-E-251-J	250	500	.45
CM-15-E-360-J	36	500	.40	CM-15-E-271-J	270	500	.55
CM-15-E-390-J	39	500	.40	CM-15-E-301-J	300	500	.55
CM-15-E-430-J	43	500	.40	CM-15-E-331-J	330	500	.55
CM-15-E-470-J	47	500	.40	CM-15-E-361-J	360	500	.55
CM-15-E-500-J	50	500	.40	CM-15-E-391-J	390	500	.65
CM-15-E-510-J	51	500	.40	CM-15-E-431-J	430	500	.65
CM-15-E-560-J	56	500	.40	CM-15-E-471-J	470	300	.70
CM-15-E-620-J	62	500	.40	CM-15-E-501-J	500	300	.70
CM-15-E-680-J	68	500	.40	CM-15-E-511-J	510	300	.70

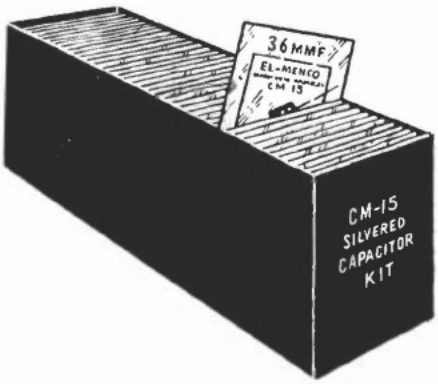
All the above are silver mica only. Temperature Co-efficient: 50 Parts per Million per degree C. (Characteristic "E"). Standard Tolerance: ±5%. Closest Tolerance: ±.5 mmfd.

Special! —HANDY KIT

FOR EXPERIMENTAL WORK

Don't Get Caught Short . . .

ALWAYS HAVE THE CORRECT CAPACITY ON HAND



This Handy Kit consists of 46 most commonly used Capacitors . . . five of each capacity packed in moisture-proof transparent cellophane envelope, properly identified for permanent use.

YOUR PRICE ONLY $50.00

The complete set of capacitors amounts to $106.00 at list prices. You get the entire set during this introductory offer, *for only* $50.00 net. On orders of 5 or 10 sets you get corresponding discounts *on this reduced cost!*

5 sets (5% discount) Only $47.50 each!
10 sets (10% discount) Only $45.00 each!

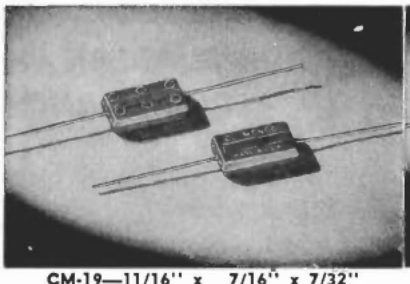
COMPARE COST!

THESE MINIATURES FIT INTO THE SMALLEST AREA CAPACITOR SIZE (9/32" x ½" x 3/16")

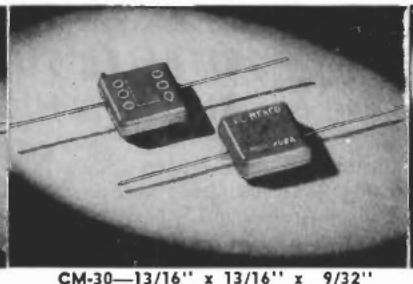
ARCO ELECTRONICS, INC.

EL-MENCO CAPACITORS

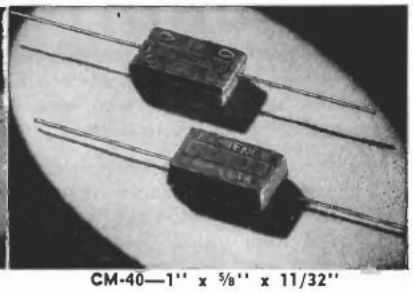
MICA CAPACITORS



CM-19—11/16" x 7/16" x 7/32"
CM-20—25/32" x 7/16" x 7/32"
CM-25— 7/16" x 1-7/64" x 7/32"



CM-30—13/16" x 13/16" x 9/32"
CM-35—13/16" x 13/16" x 11/32"



CM-40—1" x 5/8" x 11/32"

CM-19 & CM-20

TYPE DESIGNATION	CAP. MMF.	DC WKG. VOLTAGE	LIST PRICE REGULAR MICA	LIST PRICE SILVERED MICA
CM-20-050	5	500	$0.25	$0.40
CM-20-100	10	500	.25	.40
CM-20-120	12	500	.25	.40
CM-20-150	15	500	.25	.40
CM-20-180	18	500	.25	.40
CM-20-200	20	500	.25	.40
CM-20-220	22	500	.25	.40
CM-20-240	24	500	.25	.40
CM-20-270	27	500	.25	.40
CM-20-300	30	500	.25	.40
CM-20-330	33	500	.20	.40
CM-20-360	36	500	.20	.40
CM-20-390	39	500	.20	.40
CM-20-430	43	500	.20	.40
CM-20-470	47	500	.20	.40
CM-20-500	50	500	.20	.40
CM-20-510	51	500	.20	.40
CM-20-560	56	500	.20	.40
CM-20-620	62	500	.20	.40
CM-20-680	68	500	.20	.40
CM-20-750	75	500	.20	.40
CM-20-820	82	500	.20	.40
CM-20-910	91	500	.20	.40
CM-20-101	100	500	.20	.40
CM-20-111	110	500	.20	.45
CM-20-121	120	500	.20	.45
CM-20-131	130	500	.20	.45
CM-20-151	150	500	.20	.45
CM-20-161	160	500	.20	.45
CM-20-181	180	500	.20	.45
CM-20-201	200	500	.20	.45
CM-20-221	220	500	.20	.45
CM-20-241	240	500	.25	.55
CM-20-251	250	500	.25	.55
CM-20-271	270	500	.25	.55
CM-20-301	300	500	.25	.55
CM-20-331	330	500	.25	.55
CM-20-361	360	500	.25	.55
CM-20-391	390	500	.25	.65
CM-20-431	430	500	.25	.65
CM-20-471	470	500	.25	.70
CM-20-501	500	500	.25	.70
CM-20-511	510	500	.25	.70
CM-20-561	560	500	.25	.75
CM-20-621	620	500	.30	.80
CM-20-681	680	500	.30	.85
CM-20-751	750	500	.30	.90
CM-20-821	820	500	.30	.95
CM-20-911	910	500	.35	1.00
CM-20-102	1000	500	.35	1.10
CM-20-112†	1100	500	.45	1.20
CM-20-122†	1200	500	.45	1.30
CM-20-132†	1300	500	.45	1.40
CM-20-152†	1500	500	.50	1.50
CM-20-162†	1600	500	.50	1.60
CM-20-182†	1800	500	.60	1.70

All capacitors above with exception of those indicated by † can be ordered in CM-19 or CM-20 Cases.

CM-25, CM-30, CM-35 & CM-40

TYPE DESIGNATION	CAP. MMF.	DC WKG. VOLTAGE	LIST PRICE REGULAR MICA	LIST PRICE SILVERED MICA
CM-25-471	470	500	$0.25	$0.70
CM-25-511	510	500	.25	.70
CM-25-561	560	500	.25	.75
CM-25-621	620	500	.30	.80
CM-25-681	680	500	.30	.85
CM-25-751	750	500	.30	.90
CM-25-821	820	500	.30	.95
CM-25-911	910	500	.35	1.00
CM-25-102	1000	500	.35	1.10
CM-25-112	1100	500	.45	1.20
CM-25-122	1200	500	.45	1.30
CM-25-132	1300	500	.45	1.40
CM-25-152	1500	500	.50	1.50
CM-25-162	1600	500	.50	1.60
CM-25-182	1800	500	.60	1.70
CM-25-202	2000	500	.65	1.80
CM-30-621	620	500	.25	.80
CM-30-681	680	500	.25	.85
CM-30-751	750	500	.25	.90
CM-30-821	820	500	.25	.95
CM-30-911	910	500	.25	1.00
CM-30-102	1000	500	.30	1.10
CM-30-112	1100	500	.30	1.10
CM-30-122	1200	500	.30	1.25
CM-30-130	1300	500	.30	1.25
CM-30-152	1500	500	.30	1.35
CM-30-162	1600	500	.40	1.35
CM-30-182	1800	500	.40	1.35
CM-30-202	2000	500	.40	1.50
CM-30-222	2200	500	.40	1.50
CM-30-242	2400	500	.45	1.80
CM-30-252	2500	500	.45	1.80
CM-30-272	2700	500	.45	1.90
CM-30-302	3000	500	.50	2.05
CM-30-332	3300	500	.50	2.05
CM-30-362	3600	500	.50	2.10
CM-30-392	3900	500	.55	2.15
CM-30-432	4300	500	.55	2.15
CM-30-472	4700	500	.55	2.15
CM-30-502	5000	500	.60	2.25
CM-30-512	5100	500	.60	2.25
CM-30-562	5600	500	.60	2.50
CM-35-622*	6200	300	.75	2.75
CM-35-682*	6800	300	.80	3.00
CM-35-752*	7500	300	.90	3.25
CM-35-822*	8200	300	1.00	3.50
CM-35-912*	9100	300	1.00	4.00
CM-35-103*	10000	300	1.20	4.00
CM-40-822*	8200	300	1.00	3.50
CM-40-912*	9100	300	1.00	4.00
CM-40-103*	10000	300	1.20	4.00
CM-40-123	12000	300	1.40	4.50
CM-40-153	15000	300	1.70	5.25

Capacitors marked with * can be supplied in 500 WVDC. Add 10% to above list prices.

ON ALL UNITS LISTED ABOVE: Regular Mica supplied in "A" and "B" Characteristic at List Price. Silvered Mica in CM-19 and CM-20 Cases supplied in "C" and "D" Characteristic at List Price. Silvered Mica in CM-25, CM-30, CM-35 and CM-40 supplied in "C", "D", and "E" Characteristic at List Prices.

STANDARD TOLERANCE

Regular MICA 20%
Silvered MICA 5%
(closest tolerance .5 mmfd.)

PRICES OF OTHER AVAILABLE TOLERANCES

REGULAR MICA CAPACITORS

For 20% ..... (Standard) Use List Price
For 10% ..... add 10% to List Price
For 5% ..... add 20% to List Price

SILVER MICA CAPACITORS

For 5% ..... (Standard) Use List Price
For 3% ..... add 10% to List Price
For 2% ..... add 15% to List Price
For 1% ..... add 25% to List Price

NOTE: For any RMA size not shown in above listings, figure price to the nearest capacity.

ARCO ELECTRONICS, INC.

EL-MENCO CAPACITORS

TELEVISION • TRANSMITTING • INDUSTRIAL HIGH VOLTAGE MICA CAPACITORS

DC WORKING VOLTAGES: FROM 1000 TO 3000 VOLTS

Molded in CM-20, CM-35, and CM-40 Cases

Demand for smaller units in higher voltages designed to meet the requirements for TELEVISION, POWER AMPLIFIERS, LOW POWER TRANSMITTERS, and various INDUSTRIAL USES has increased. EL-MENCO designed and produced units listed below are especially adaptable to compact circuits where space is an important factor. Their acceptance has been overwhelming by the various manufacturers of TELEVISION RECEIVERS.

In many cases, these units will do the work of capacitors molded in CM-45, CM-50, and CM-55 cases without breaking down. No SPECIAL MOUNTINGS ARE NECESSARY; just wire right into the circuit.

The capacitors are molded in low-loss bakelite and tested at double the branded voltage. They are tested for dielectric strength, insulation resistance, temperature coefficient, capacitance drift, susceptibility to humidity, and length of life, according to RCM Standards. All units are wax-dipped for protection against salt water immersion.

VCM-20

TYPE DESIGNATION	CAP. MMF.	6000 VDC TEST 3000 VDC WKG. LIST PRICE	5000 VDC TEST 2500 VDC WKG. LIST PRICE	4000 VDC TEST 2000 VDC WKG. LIST PRICE	3000 VDC TEST 1500 VDC WKG. LIST PRICE	2000 VDC TEST 1000 VDC WKG. LIST PRICE
VCM-20-B-050	5	$0.30				
VCM-20-B-100	10	.30				
VCM-20-B-120	12	.30				
VCM-20-B-150	15	.35	$0.30			
VCM-20-B-180	18	.35	.30			
VCM-20-B-200	20	.35	.30			
VCM-20-B-220	22	.35	.30			
VCM-20-B-240	24	.35	.30			
VCM-20-B-270	27	.35	.30			
VCM-20-B-300	30	.40	.35			
VCM-20-B-330	33	.40	.35			
VCM-20-B-360	36	.45	.35			
VCM-20-B-390	39	.45	.35			
VCM-20-B-430	43	.45	.35			
VCM-20-B-470	47	.45	.35	$0.30		
VCM-20-B-500	50	.50	.35	.35		
VCM-20-B-510	51	.50	.35	.35		
VCM-20-B-560	56	.50	.35	.35		
VCM-20-B-620	62	.50	.35	.35		
VCM-20-B-680	68	.55	.40	.35		
VCM-20-B-750	75	.60	.45	.35	$0.30	
VCM-20-B-820	82	.60	.45	.35	.30	
VCM-20-B-910	91	.65	.45	.35	.35	
VCM-20-B-101	100	.70	.45	.35	.35	
VCM-20-B-111	110	.70	.50	.40	.35	
VCM-20-B-121	120		.50	.40	.35	$0.30
VCM-20-B-131	130		.50	.40	.35	.30
VCM-20-B-151	150		.55	.40	.35	.35
VCM-20-B-161	160		.60	.45	.35	.35
VCM-20-B-181	180		.60	.45	.35	.35
VCM-20-B-201	200		.65	.50	.40	.35
VCM-20-B-221	220		.70	.50	.40	.35
VCM-20-B-241	240		.70	.55	.40	.35
VCM-20-B-251	250			.55	.45	.40
VCM-20-B-271	270			.55	.45	.40
VCM-20-B-301	300			.60	.50	.40
VCM-20-B-331	330			.65	.50	.40
VCM-20-B-361	360			.65	.50	.40
VCM-20-B-391	390			.70	.55	.40
VCM-20-B-431	430				.55	.45
VCM-20-B-471	470				.60	.45
VCM-20-B-501	500				.60	.45
VCM-20-B-511	510				.60	.45
VCM-20-B-561	560				.65	.50
VCM-20-B-621	620				.70	.50
VCM-20-B-681	680					.55
VCM-20-B-721	750					.55
VCM-20-B-821	820					.60
VCM-20-B-911	910					.65
VCM-20-B-102	1000					.70

VCM-35 & VCM-40

TYPE DESIGNATION	CAP. MMF.	6000 VDC TEST 3000 VDC WKG. LIST PRICE	5000 VDC TEST 2500 VDC WKG. LIST PRICE	4000 VDC TEST 2000 VDC WKG. LIST PRICE	3000 VDC TEST 1500 VDC WKG. LIST PRICE	2000 VDC TEST 1000 VDC WKG. LIST PRICE
VCM-40-B-121	120	$0.50				
VCM-40-B-151	150	.55				
VCM-40-B-161	160	.60				
VCM-40-B-181	180	.60				
VCM-40-B-221	200	.65				
VCM-40-B-241	240	.70				
VCM-40-B-251	250	.70	$0.55			
VCM-40-B-271	270	.70	.55			
VCM-40-B-301	300	.75	.60			
VCM-40-B-331	330	.80	.60			
VCM-40-B-361	360	.85	.65			
VCM-40-B-391	390	.90	.70			
VCM-40-B-431	430	1.00	.70	$0.60		
VCM-40-B-471	470	1.05	.70	.65		
VCM-40-B-501	500	1.10	.75	.65		
VCM-40-B-511	510	1.10	.75	.65		
VCM-40-B-561	560	1.20	.80	.65		
VCM-40-B-621	620	1.25	.85	.70		
VCM-40-B-681	680	1.35	.90	.70	$0.65	
VCM-40-B-821	820	1.55	1.00	.80	.75	
VCM-40-B-911	910		1.10	.85	.80	
VCM-40-B-102	1000		1.20	.95	.80	
VCM-40-B-112	1100		1.20	1.00	.85	$0.55
VCM-40-B-122	1200		1.30	1.05	.95	.60
VCM-40-B-132	1300		1.40	1.10	1.00	.60
VCM-40-B-152	1500		1.60	1.25	1.10	.65
VCM-40-B-162	1600		1.70	1.30	1.10	.70
VCM-40-B-182	1800			1.40	1.25	.70
VCM-40-B-202	2000			1.55	1.35	.75
VCM-40-B-222	2200				1.40	.85
VCM-40-B-242	2400				1.55	.90
VCM-40-B-272	2700					.90
VCM-40-B-302	3000					1.00
VCM-40-B-332	3300					1.05
VCM-40-B-362	3600					1.15
VCM-40-B-392	3900					1.20
VCM-40-B-432	4300					1.30
VCM-40-B-472	4700					1.40
VCM-40-B-502	5000					1.45
VCM-40-B-512	5100					1.45

All of the above units can be obtained, on request, in CM-35 cases, at 10% above list price.

All units supplied in "A" or "B" Characteristic at list price.
Case Size Dimensions (See page P-92 for illustrations):
VCM-20—$\frac{21}{32}$" x $\frac{7}{16}$" x $\frac{7}{32}$" VCM-35—$\frac{13}{16}$" x $\frac{13}{16}$" x $\frac{11}{32}$"
VCM-40—1" x $\frac{5}{8}$" x $\frac{11}{32}$"
Standard Tolerance: ±20%.
Prices will be quoted for closer tolerances in "Silvered" mica upon request.

ARCO ELECTRONICS, INC.

EL-MENCO CAPACITORS

PAPER TUBULAR CAPACITORS CP TYPE

MINERAL OIL IMPREGNATION
NON-INDUCTIVE WINDING
SYNTHETIC RESIN END SEALS
STEATITE CASE

EL-MENCO CP type paper tubular capacitors are sealed into STEATITE CERAMIC TUBES which serve to insulate the capacitor electrically as well as against moisture and heat. The capacitor insert is impregnated with MINERAL OIL, thereby assuring long life at 85° C operating conditions. This feature insures successful operation at the high ambient temperatures existing in small, compact enclosures.

The NON-INDUCTIVELY wound paper and foil units are sealed in the CERAMIC TUBES by means of baked SYNTHETIC RESIN END FILLS which cannot melt at any conceivable operating temperature. The end fills will not dissolve in wax, permitting the capacitors to be potted without damage to the insert. Leads are of tinned copper wire 2¼" long.

Many of the large TELEVISION, TRANSMITTER AND HIGH VOLTAGE AMPLIFIER manufacturers have found these capacitors to be of highest quality. Breakdown tests have exceeded the required standards.

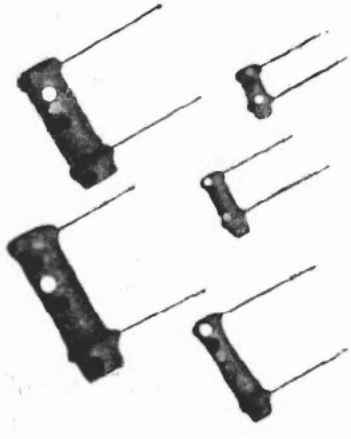
CAPACITY MFD.	1600 WVDC PART NUMBER	LIST PRICE	1000 WVDC PART NUMBER	LIST PRICE	600 WVDC PART NUMBER	LIST PRICE	400 WVDC PART NUMBER	LIST PRICE	200 WVDC PART NUMBER	LIST PRICE
.001	CP-3-102	$.50	CP-2-102	$.40	CP-1-102	$.25				
.0015	CP-3-152	.50	CP-2-152	.40	CP-1-152	.25				
.002	CP-3-202	.50	CP-2-202	.40	CP-1-202	.25				
.0022	CP-3-222	.50	CP-2-222	.40	CP-1-222	.25				
.0025	CP-3-252	.50	CP-2-252	.40	CP-1-252	.25				
.003	CP-3-302	.50	CP-3-302	.40	CP-1-302	.25				
.0033	CP-3-332	.50	CP-3-332	.40	CP-1-332	.25				
.004	CP-3-402	.50	CP-3-402	.40	CP-1-402	.25				
.0047	CP-4-472	.50	CP-3-472	.45	CP-1-472	.25				
.005	CP-4-502	.50	CP-3-502	.45	CP-1-502	.25				
.006	CP-4-602	.50	CP-3-602	.45	CP-2-602	.25				
.0068	CP-4-682	.60	CP-3-682	.45	CP-2-682	.25				
.0075	CP-5-752	.60	CP-3-752	.45	CP-2-752	.30				
.01	CP-5-103	.60	CP-3-103	.50	CP-2-103	.30				
.015	CP-5-153	.60	CP-4-153	.50	CP-2-153	.30				
.02	CP-6-203	.60	CP-5-203	.50	CP-3-203	.30	CP-2-203	$.25		
.022	CP-6-223	.60	CP-5-223	.50	CP-3-223	.30	CP-3-223	.30		
.025	CP-6-253	.60	CP-5-253	.50	CP-4-253	.35	CP-3-253	.30		
.03	CP-6-303	.60	CP-5-303	.50	CP-4-303	.35	CP-3-303	.30		
.033	CP-6-333	.65	CP-5-333	.60	CP-4-333	.35	CP-3-333	.30		
.04			CP-6-403	.60	CP-4-403	.35	CP-3-403	.30		
.047			CP-6-473	.60	CP-4-473	.35	CP-4-473	.30		
.05			CP-6-503	.60	CP-4-503	.40	CP-4-503	.30		
.056			CP-6-563	.65	CP-5-563	.40	CP-4-563	.30		
.068					CP-6-683	.40	CP-4-683	.35		
.075					CP-6-753	.45	CP-5-753	.35		
.1					CP-6-104	.45	CP-5-104	.35	CP-4-104	$.35
.15							CP-6-154	.40	CP-4-154	.40
.22							CP-6-224	.45	CP-5-224	.40
.25							CP-6-254	.45	CP-5-254	.40
.33									CP-6-334	.50
.47									CP-6-474	.60
.5									CP-6-504	.60

STANDARD TOLERANCE ON ABOVE UNITS IS ± 20%. FOR ± 10% TOLERANCE ADD 15% TO LIST PRICE.

DIMENSIONS FOR CP TYPE CAPACITORS

	DIAMETER	LENGTH
CP-1	⅜"	1⅛"
CP-2	⅜"	1⅜"
CP-3	7/16"	1⅜"
CP-4	9/16"	1⅝"
CP-5	¾"	2⅛"
CP-6	1⅜"	2⅛"

SILVER CERAMIC HIGH "K" CAPACITORS



Bypass and Coupling Capacitors

Wax Impregnated, Low-Loss PHENOLIC COATING. Insulation Resistance: 10,000 Megohms Minimum. 90% Relative Humidity Test for 100 Hours. RADIAL LEADS of No. 22 Tinned Copper Wire 1¼" Minimum. RMA COLOR CODED. STANDARD TOLERANCE ± 20%. 1000 VDC Test, 500 VDC Working. Meets Requirements of RMA Standards.

TYPE DESIGNATION	CAP. MMF.	SIZE LENGTH	SIZE DIAM.	LIST PRICE
CC-1-100	10	9/16"	.250"	$.25
CC-1-150	15	9/16"	.250"	.25
CC-1-250	25	9/16"	.250"	.25
CC-1-400	40	9/16"	.250"	.25
CC-1-500	50	9/16"	.250"	.25
CC-1-820	82	9/16"	.250"	.25
CC-1-101	100	9/16"	.250"	.25
CC-1-151	150	9/16"	.250"	.25
CC-1-201	200	9/16"	.250"	.25
CC-1-251	250	9/16"	.250"	.25
CC-1-301	300	9/16"	.250"	.25
CC-1-401	400	9/16"	.250"	.25
CC-1-501	500	9/16"	.250"	.25
CC-2-751	750	¾"	.250"	.25
CC-2-102	1000	¾"	.250"	.25
CC-2-122	1200	¾"	.250"	.25
CC-2-152	1500	¾"	.250"	.25
CC-2-202	2000	¾"	.250"	.25
CC-3-252	2500	11/16"	.350"	.30
CC-3-302	3000	11/16"	.350"	.30
CC-3-402	4000	11/16"	.350"	.35
CC-4-502	5000	1"	.350"	.40
CC-4-682	6800	1"	.350"	.40
CC-5-752	7500	1.20"	.350"	.45
CC-5-103	10000	1.20"	.350"	.50
CC-6-123	12000	1.325"	.350"	.50

ARCO ELECTRONICS, INC.

EL-MENCO CAPACITORS

Single and Dual
PADDERS

EL-MENCO PADDING CONDENSERS have been acclaimed by engineers as the finest development in adjustable mica condensers.

The construction is such as to completely enclose and protect the delicate edges of the mica films, made of the finest quality clear India ruby mica.

The phosphor bronze adjusting plates assure permanent resilience and freedom from mechanical fatigue. All parts are heavily plated to resist corrosion.

TYPE 30 AND TYPE 30-M PADDER 7/8" x 15/16"

TYPE 30
350 Volts DC Flash-Test — 175 WVDC

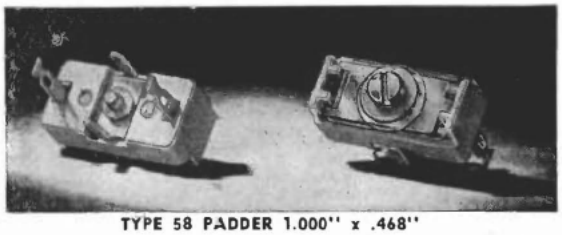
PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE: At 1½ Inch Pounds Cap. Will Be More Than MMF.	GUARANTEED RANGE: At 2½ Turns Open Cap. Will Be Less Than MMF.	LIST PRICE
302	2 Pl.	130	15	$0.55
303	3 pl.	340	65	.60
304	4 Pl.	550	100	.65
305	5 Pl.	760	190	.75
306	6 Pl.	970	275	.80
307	7 Pl.	1180	350	.85
308	8 Pl.	1390	450	.90
309	9 Pl.	1600	550	1.00
310	10 Pl.	1890	650	1.10
311	11 Pl.	2110	780	1.15
312	12 Pl.	2330	880	1.20
313	13 Pl.	2605	1150	1.30
314	14 Pl.	2830	1300	1.35
315	15 Pl.	3055	1400	1.40

Screw is insulated from top plate my mica washer. Above maximum capacity values are based on using 1½ to 1¾ Mil Mica films.

TYPE 30-M
1000 Volts DC Flash-Test — 500 Working Volts DC

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE: At 1½ Inch Pounds Cap. Will Be More Than MMF.	GUARANTEED RANGE: At 2½ Turns Open Cap. Will Be Less Than MMF.	LIST PRICE
302-M	2 Pl.	120	15	$0.55
303-M	3 Pl.	320	65	.60
304-M	4 Pl.	500	100	.70
305-M	5 Pl.	690	180	.75
306-M	6 Pl.	880	265	.80
307-M	7 Pl.	1070	340	.90
308-M	8 Pl.	1260	425	.95
309-M	9 Pl.	1415	525	1.00
310-M	10 Pl.	1600	615	1.10
311-M	11 Pl.	1785	730	1.15
312-M	12 Pl.	1970	800	1.25
313-M	13 Pl.	2155	1000	1.30
314-M	14 Pl.	2340	1100	1.35
315-M	15 Pl.	2525	1200	1.45

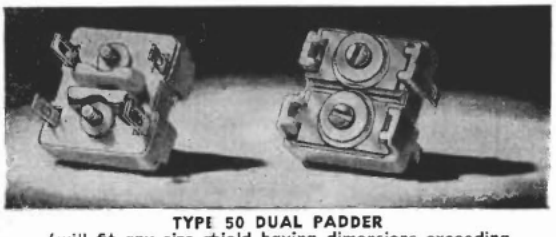
Screw is insulated from top plate by mica washer. Above maximum capacity values are based on using 2 to 2¼ Mil Mica.



TYPE 58 PADDER 1.000" x .468"

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE: At Tight Cap. Will Be More Than MMF.	GUARANTEED RANGE: At 2 Turns Open Cap. Will Be Less Than MMF.	LIST PRICE
582	2 Pl.	80	7.5	$0.40
583	3 Pl.	160	19	.45
584	4 Pl.	240	50	.50

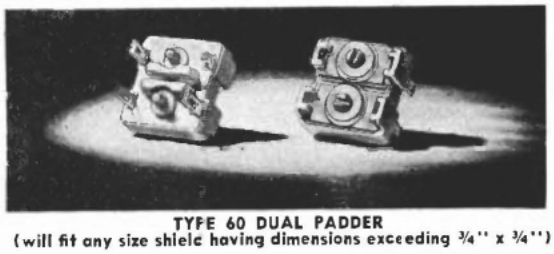
◀TYPE 58 Padder is a single variable trimmer section provided with a two-pronged staple mounting for attachment to bracket or chassis. Base is made of lowest loss steatite and the mica is India Ruby.



TYPE 50 DUAL PADDER
(will fit any size shield having dimensions exceeding 1-1/16" x 1-1/16")

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE: At Tight Cap. Will Be More Than MMF.	GUARANTEED RANGE: At 2 Turns Open Cap. Will Be Less Than MMF.	LIST PRICE
502	2 Pl.	80	7.5	$0.60
503	3 Pl.	160	19	.70
504	4 Pl.	240	50	.80

◀TYPE 50 Dual Padders provide two variable trimmers mounted on a single base. This unit is designed as a tuning component for I.F. transformers; and as such, may be snap-in mounted along with the transformer coil in any size shield having dimensions exceeding $1\frac{1}{16}$" x $1\frac{1}{16}$".



TYPE 60 DUAL PADDER
(will fit any size shield having dimensions exceeding ¾" x ¾")

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE: At Tight Cap. Will Be More Than MMF.	GUARANTEED RANGE: At 2 Turns Open Cap. Will Be Less Than MMF.	LIST PRICE
602	2 Pl.	55	7	$0.50
603	3 Pl.	100	15	.60
604	4 Pl.	160	35	.70

◀TYPE 60 Dual Padders provide two variable trimmers mounted on a single base. This unit is designed as a tuning component for I.F. transformers; and as such, may be snap-in mounted along with the transformer coil in any size shield having dimensions exceeding ¾" x ¾".

See page P-96 for Mica Trimmer Capacitors

ARCO ELECTRONICS, INC.

EL-MENCO CAPACITORS

TYPE 46 TRIMMER

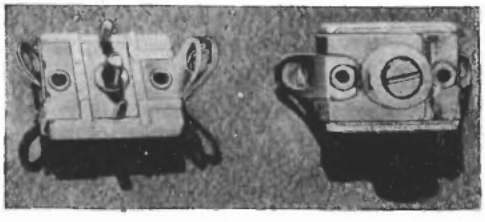
The base is made of the lowest dielectric loss ceramic material available and the mica is clear India Ruby.

The soldering lugs may be bent in any position without affecting capacity setting due to the rigid construction of adjusting plates.

EL-MENCO TRIMMING CONDENSERS are treated for resistance to humidity and for permanence of capacity setting.

Trimmers shown here are standard sizes and capacities.

TYPE 46W NUMBER PART	PLATES NUMBER OF	GUARANTEED RANGE At Tight Cap. Will Be More Than MMF.	At 2½ Turns Open Cap. Will Be Less Than MMF.	LIST PRICE
460	1¼ Pl.	15	1.5	$0.30
461	1¾ Pl.	30	2.7	.30
462	2 Pl.	80	5	.35
463	3 Pl.	180	9	.40
464	4 Pl.	280	25	.45
465	5 Pl.	380	50	.50
466	6 Pl.	480	80	.55
467	7 Pl.	580	110	.60
468	8 Pl.	680	140	.65
469	9 Pl.	780	170	.70



TYPE 46 TRIMMER ¾" x ⅝"

Metal Mounting Brackets for these trimmers can be supplied from stock

	LIST PRICE
Bracket for mounting 2 Trimmers	$0.10
Bracket for mounting 3 Trimmers	.12
Bracket for mounting 4 Trimmers	.14
Bracket for mounting 5 Trimmers	.16
Bracket for mounting 6 Trimmers	.18

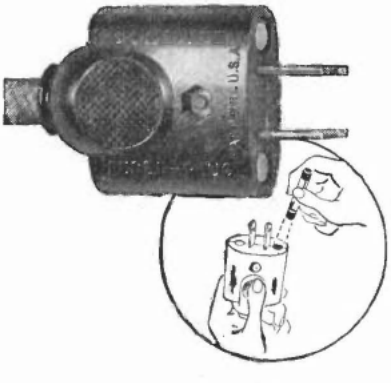
EL-MENCO FUSED PLUG

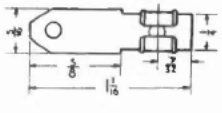
They're all saying again, "It's a wonder no one thought of it before." Here's a plug *that carries its own fuses.*

It attaches to the cord just as any standard plug, looks pretty much the same, light-weight, but easier to handle because of finger grips. However, it contains two small fuses, which provide complete protection against damage to the appliance and to the main line.

Blown fuses are easily removable; replacements are available up to 10 amperes.

Fuses Available Wherever Electrical Supplies Are Sold





POLARIZED BLADE can be supplied instead of regular blades, upon request—no extra cost.

REMOVE FUSES IN A JIFFY

•

REPLACE FUSES INSTANTLY

LIST PRICE 35¢ EACH

LESS FUSES

UNDERWRITERS LABORATORY APPROVED

FUSES

3 AG FUSES (32 VOLTS OR LESS)

		LIST PRICE
311005.	5 amp.	$0.05
31107.5	7½ amp.	.05
311010.	10 amp.	.04
311015	15 amp.	.04
311020	20 amp.	.035
311030	30 amp.	.05

3 AG FUSES (250 VOLTS OR LESS)

312.062	1/16 amp.	.15
312.125	⅛ amp.	.15
312.250	¼ amp.	.15
312.375	⅜ amp.	.15
312.500	½ amp.	.15
312.750	¾ amp.	.15
312001.	1 amp.	.07
31201.5	1½ amp.	.07
312002.	2 amp.	.07
312003.	3 amp.	.07
312004.	4 amp.	.10
312005.	5 amp.	.10
312006.	6 amp.	.10

3 AG SLO-BLO FUSES

313.010	1/100 amp.	.25
313.032	3/32 amp.	.25
313.062	1/16 amp.	.25
313.125	⅛ amp.	.25
313.187	3/16 amp.	.25
313.250	¼ amp.	.25
313.375	⅜ amp.	.25
313.500	½ amp.	.25
313.750	¾ amp.	.25
313001.	1 amp.	.25
31301.5	1½ amp.	.20
313002.	2 amp.	.20
313003.	3 amp.	.20
313005.	5 amp.	.20
313010.	10 amp.	.20
313015.	15 amp.	.20
313020.	20 amp.	.20

3 AB TINY-MIGHTY FUSE U/L

314008	8 amp.	.15
314010	10 amp.	.15
314012	12 amp.	.15
314015	15 amp.	.15
314020	20 amp.	.15

Latest Aerovox Items

DURANITE MOLDED TUBULAR CAPACITORS

Type P 88

Toughest capacitors ever offered critical operators of radio-electronic equipment. Not just another plastic tubular, DURANITE capacitors are entirely new — in design, impregnant, processing, and casing. New technique provides glove-fitting contact and seal throughout. No danger of voids.

DURANITE provides a permanent, non-varying, rock-hard casing. Smooth clean surface. DURANITE does not dry out, does not develop cracks or fissures. Pigtail leads firmly imbedded, won't pull out, won't work loose. Pull tests no longer are a problem. Wire will break before it can be loosened.

DURANITE capacitors are really moisture-proof. They stand up at high temperatures. Operation from sub-zero to over 212°F. Exposure to temperatures of 250°F will not impair life or performance. Temperature co-efficient of capacities similar to wax and oil capacitors. The new AEROLENE impregnant eliminates necessity of stocking and using both wax and oil capacitors. One impregnant does the work of both. DURANITE capacitors show no deterioration in stock, may be stored in advance of actual use, with corresponding economy and convenience. Smaller dimensions than the usual paper tubulars.

P 288 200 V.D.C.W. Cap. Mfd.	List Price	Net Price	P 488 400 V.D.C.W. Cap. Mfd.	List Price	Net Price
.015	$0.25a	$0.15	.006	$0.25a	$0.15
.04	.30b	.18	*.0068	.25a	.15
*.047	.30b	.18	.0075	.25a	.15
.05	.30b	.18	.01	.25a	.15
*.068	.35c	.21	.015	.25b	.15
.075	.35c	.21	.02	.25b	.15
.1	.35c	.21	*.022	.30b	.18
.15	.40d	.24	.025	.30b	.18
*.33	.50e	.30	.03	.30b	.18
*.47	.60e	.36	*.033	.30b	.18
.5	.60e	.36	.04	.30c	.18
			*.047	.30c	.18
			.05	.30c	.18
			*.068	.35d	.21
			.075	.35d	.21
			.1	.35d	.21
			.15	.40e	.24
			*.22	.45e	.27
			.25	.45e	.27

P 688 600 V.D.C.W. Cap. Mfd.	List Price	Net Price	P 1088 1000 V.D.C.W. Cap. Mfd.	List Price	Net Price
.001	$0.25a	$0.15	.001	$0.50a	$0.30
.0015	.25a	.15	.0015	.50a	.30
.002	.25a	.15	.002	.50a	.30
*.0022	.25a	.15	*.0022	.50a	.30
.003	.25a	.15	.003	.50b	.30
*.0033	.25a	.15	*.0033	.50b	.30
.004	.25a	.15	.004	.50b	.30
*.0047	.25a	.15	*.0047	.50b	.30
.005	.25a	.15	.005	.50b	.30
.006	.25b	.15	.006	.50b	.30
*.0068	.25b	.15	*.0068	.50b	.30
.0075	.30b	.18	.0075	.50b	.30
.01	.30b	.18	.01	.50b	.30
.015	.30b	.18	.015	.50c	.30
.02	.30c	.18	.02	.50d	.30
*.022	.30c	.18	*.022	.50d	.30
.025	.35c	.21	.025	.50d	.30
.03	.35d	.21	.03	.50d	.30
*.033	.35d	.21	*.033	.60d	.36
.04	.35d	.21	.04	.60e	.36
*.047	.35d	.21	*.047	.60e	.36
.05	.40d	.24	.05	.60e	.36
*.068	.40e	.24	*.068	.70e	.42
.075	.45e	.27			
.1	.45e	.27			

P 1688 1600 V.D.C.W. Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.001	$0.55b	$0.33	.006	.55c	.33
.0015	.55b	.33	*.0068	.60c	.36
.002	.55b	.33	.0075	.60d	.36
*.0022	.55b	.33	.01	.60d	.36
.003	.55b	.33	.015	.60d	.36
*.0033	.55b	.33	.02	.60e	.36
.004	.55b	.33	*.022	.60e	.36
*.0047	.55c	.33	.025	.60e	.36
.005	.55c	.33	.03	.60e	.36
			*.033	.65e	.39

TUBE SIZES

A — 1⅛" L x 13/32" dia.
B — 1⅜" L x 13/32" dia.
C — 1⅜" L x 13/32" dia.
D — 1⅝" L x 11/32" dia.
E — 2 " L x 11/32" dia.

*Standard marking — Preferred number series — Color coding: Capacitance, tolerance and voltage — All others — standard marking — capacitance and voltage.

HIGH-VOLTAGE TUBULAR PAPER CAPACITORS OIL-IMPREGNATED WAX-SEALED

Type 84

These Type 84 capacitors, rated from 2500 to 10,000 volts D.C. Working, are designed to meet the elevated peaks and transients encountered in television and other cathode-ray tube applications, and to reduce the effects of corona.

This series of high-voltage, oil-impregnated units is an extension of the wax-impregnated, lower-voltage Type 84 line described on Page 9, rated up to 1600 volts d.c. working.

Although these high-voltage units are similar in general appearance — with impregnated capacitor sections encased in tubular paper jackets and supplied with tinned wire leads — they have an improved wax end-seal for longer life under the operating conditions to which they are subjected.

Type 84 is obtainable with a radial mounting band at no extra cost.

TYPE 2584—2500 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0001	5/8 x 1 1/2	$ .95	$0.57
.00025	7/16 x 1 1/2	.95	.57
.0005	7/16 x 1 1/2	.95	.57
.001	9/16 x 1 1/2	.95	.57
.003	11/16 x 1 5/8	.95	.57
.005	11/16 x 1 7/8	1.00	.60
.01	7/8 x 2	1.05	.63
.03	1 x 2 5/8	1.10	.66
.05	1 3/8 x 2 5/8	1.20	.72

TYPE 3584—3500 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0001	7/16 x 1 5/8	$1.00	$0.60
.00025	1/2 x 1 5/8	1.00	.60
.0005	9/16 x 1 5/8	1.00	.60
.001	5/8 x 1 5/8	1.00	.60
.003	11/16 x 2	1.00	.60
.005	13/16 x 2	1.05	.63
.01	1 x 2 1/4	1.10	.66
.03	1 3/8 x 2 5/8	1.20	.72

TYPE 5084—5000 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0001	1/2 x 1 3/4	$1.05	$0.63
.00025	9/16 x 1 3/4	1.05	.63
.0005	11/16 x 1 3/4	1.05	.63
.001	11/16 x 2	1.05	.63
.003	11/16 x 2	1.05	.63
.005	13/16 x 2	1.05	.63
.01	1 x 2 1/4	1.10	.66
.03	1 3/8 x 2 5/8	1.20	.72

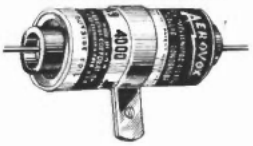
TYPE 7584—7500 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0001	5/8 x 2	$1.10	$0.66
.00025	3/4 x 2	1.10	.66
.0005	13/16 x 2	1.10	.66
.001	1 x 2 1/8	1.10	.66
.003	1 3/16 x 2 5/8	1.15	.69
.005	1 7/16 x 3 1/8	1.15	.69

TYPE 10084—10,000 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0001	13/16 x 2 1/4	$1.15	$0.69
.00025	7/8 x 2 1/4	1.15	.69
.0005	1 x 2 5/8	1.15	.69
.001	1 1/16 x 2 5/8	1.15	.69
.003	1 3/8 x 3	1.20	.72

HIGH VOLTAGE HERMETICALLY SEALED OIL-FILLED TUBULARS



Type 89

Type 89 capacitors are immersion-proof, oil-impregnated, oil filled units in handy space-saving tubular form. They are ideal for use in vibrator applications, coupling and by-pass functions in transmitters, high-voltage amplifiers, in r.f. by-pass circuits, radar, television, sonar, broadcast transmitters, interference eliminators for motors and generators, and in test equipment.

The oil-impregnated paper section is enclosed in a corrosion-proof metal case filled with oil and hermetically sealed against oil leakage or moisture penetration.

For voltages above 3500 to 6000 volts inclusive DCW, special terminals are used to provide the necessary creepage distance without increasing the length.

TYPE 2589M—2500 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0005	13/16 x 1 11/16	$1.35	$ .81
.001	13/16 x 1 15/16	1.35	.81
.005	13/16 x 1 15/16	1.35	.81
.01	13/16 x 1 15/16	1.35	.81
.02	13/16 x 2 3/16	1.50	.90
.03	13/16 x 2 7/16	1.60	.96
.05	13/16 x 2 11/16	1.75	1.05
.1	1 1/16 x 3 3/16	2.40	1.44

TYPE 3089M—3000 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0005	13/16 x 1 11/16	$1.50	$ .90
.001	13/16 x 1 15/16	1.50	.90
.005	13/16 x 1 15/16	1.50	.90
.01	13/16 x 1 15/16	1.50	.90
.02	13/16 x 2 3/16	1.65	.99
.03	1 1/16 x 2 7/16	1.75	1.05
.05	1 1/16 x 2 11/16	1.90	1.14
.1	1 7/16 x 3 13/16	2.65	1.59

TYPE 3589M—3500 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0005	1 1/16 x 1 13/16	$1.75	$1.05
.001	1 1/16 x 1 13/16	1.75	1.05
.005	1 1/16 x 1 13/16	1.75	1.05
.01	1 1/16 x 2 3/16	1.75	1.05
.02	1 1/16 x 2 7/16	1.90	1.14
.03	1 1/16 x 2 11/16	2.00	1.20
.05	1 1/16 x 3 7/16	2.15	1.29
.1	1 7/16 x 3 7/16	2.90	1.74

TYPE 4089M—4000 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0005	1 1/16 x 1 13/16	$2.00	$1.20
.001	1 1/16 x 1 13/16	2.00	1.20
.005	1 1/16 x 2 1/16	2.00	1.20
.01	1 1/16 x 2 7/16	2.00	1.20
.02	1 1/16 x 3 3/16	2.15	1.29
.03	1 7/16 x 2 13/16	2.25	1.35
.05	1 7/16 x 3 7/16	2.40	1.44
.1	1 7/16 x 4 1/8	3.15	1.89

TYPE 5089M—5000 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0005	1 1/16 x 1 13/16	$2.25	$1.35
.001	1 1/16 x 1 13/16	2.25	1.35
.005	1 1/16 x 2 3/16	2.25	1.35
.01	1 1/16 x 2 1/16	2.25	1.35
.02	1 7/16 x 2 13/16	2.40	1.44
.03	1 7/16 x 3 7/16	2.50	1.50
.05	1 7/16 x 4 3/16	2.65	1.59

TYPE 6089M—6000 VOLTS D.C. Working

Cap. Mfd.	Size-Inches D. x L.	List Price	Net Price
.0005	1 1/16 x 2 1/16	$2.50	$1.50
.001	1 1/16 x 2 3/16	2.50	1.50
.005	1 1/16 x 2 11/16	2.50	1.50
.01	1 1/16 x 3 7/16	2.50	1.50
.02	1 7/16 x 3 3/16	2.65	1.59
.03	1 7/16 x 3 13/16	2.75	1.65
.05	1 7/16 x 5 3/16	2.90	1.74

High-Capacitance Low-Voltage Capacitors in Miniature Tubular Aluminum Cases

Type PRS*

These high-capacitance low-voltage units of the Type PRS miniature tubular aluminum-cased line are especially suitable in electric fence control and similar applications.

They are compact units, tightly sealed, and provided with a vent which operates to relieve excessive gas pressure. An external wax-impregnated cardboard insulating tube is supplied.

Type PRS is available with either etched or plain foil, although it is normally constructed with etched foil — Type PRS-EP. High-purity aluminum is used throughout the internal construction to avoid corrosion which may be caused by contacts between dissimilar metals.

Radial or tangible mounting bands for rigidly mounting the capacitor can be supplied.

TYPE PRS 6—6v. D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
100	11/16 x 1 1/4	$1.40	$ .84
250	13/16 x 1 3/4	1.55	.93
500	15/16 x 1 3/4	1.70	1.02
1000	15/16 x 2 1/4	2.25	1.35
1500	1 1/16 x 2 1/4	3.00	1.80
2000	1 1/16 x 2 1/2	3.90	2.34

TYPE PRS 12—12v. D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
100	11/16 x 1 1/2	$1.55	$ .93
250	13/16 x 1 3/4	1.75	1.05
500	15/16 x 2 1/4	1.90	1.14
1000	1 1/16 x 3 1/4	2.75	1.65

TYPE PRS 15—15v. D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
100	11/16 x 1 1/2	$1.70	$1.02
250	13/16 x 2 1/4	1.90	1.14
500	15/16 x 2 1/4	2.10	1.26

TYPE PRS 25—25v. D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
100	11/16 x 1 1/2	$1.20	$ .72
250	13/16 x 2 1/4	2.00	1.20
500	1 1/16 x 2 1/2	2.25	1.35

HIGH VOLTAGE TUBULAR ALUMINUM CAN ELECTROLYTICS

Type PRS*

Type PRS capacitors are tightly sealed tubular units in aluminum containers, with solid wire leads. These high-quality units are especially suitable for use in compact assemblies. The higher voltage ratings are intended to meet the stepped up potentials in certain radio and electronic circuits, particularly those using cathode-ray tubes such as oscillographs and television receivers.

Type PRS is normally supplied with etched foil but plain foil is available. PRS capacitors use high-purity aluminum throughout the internal construction to avoid corrosion which may be caused by contacts between dissimilar metals. The container is tightly sealed and is provided with a vent which operates to relieve excessive gas pressure.

TYPE PRS 500
650 V. Surge Peak—500 V.D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
8	13/16 x 3 1/16	$1.30	$ .78
10	15/16 x 3 1/16	1.50	.90
12	15/16 x 3 1/16	1.75	1.05
16	1 1/16 x 3 1/16	2.00	1.20

TYPE PRS 600
750 V. Surge Peak—600 V.D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
8	13/16 x 3 1/16	$2.75	$1.65
10	15/16 x 3 1/16	2.95	1.77
12	1 1/16 x 3 1/16	3.10	1.86
16	1 1/16 x 3 9/16	3.25	1.95

TYPE PRS 700
850 V. Surge Peak—700 V.D.C. Working

Cap. Mfd.	Size-Inches	List Price	Net Price
8	15/16 x 3 1/16	$3.00	$1.80
10	1 1/16 x 3 1/16	3.50	2.10
12	1 1/16 x 3 9/16	3.75	2.25
16	1 9/16 x 3 9/16	4.50	2.70

AEROVOX Electrolytic Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

UPRIGHT OR INVERTED MOUNTING CAPACITORS

TYPE E

These units are widely used in highest-quality radio, communications, electronic and similar types of apparatus. Type E capacitors are hermetically-sealed. Ring-type clamp provides rigid and convenient method of mounting unit inverted or upright, beneath, on, or through mounting surface. Available with single or multiple elements. Single unit has two terminals, dual unit has three terminals, and triple unit has four terminals. Cathode connections made through one terminal in cover.

TYPE E
Single Section
(2 terminals)

600v Surge Pk.—475v D.C. Work.
Type E475—Single Section

Cap. Mfds.	Can Size-Ins. Dia.-High	List Price	Net Price
4	1⅜ x 2¼	$1.90	$1.14

525v Surge Pk.—450v D.C. Work.
Type E450—Single Section

4	1⅜ x 2¼	$1.70	$1.02
8	1⅜ x 2¼	1.75	1.05
10	1⅜ x 2¼	2.00	1.20
12	1⅜ x 2¼	2.15	1.29
16	1⅜ x 2¼	2.40	1.44
20	1⅜ x 2¼	2.65	1.59
30	1⅜ x 2¼	3.00	1.80
40	1⅜ x 2¾	3.40	2.04
80	1⅜ x 4¼	6.00	3.60

75v Surge Pk.—50v D.C. Work.
Type E50—Single Section

10	1 x 1¾	$1.55	$0.93
25	1 x 1¾	1.65	.99

40v Surge Pk.—25v D.C. Work.
Type E25—Single Section

10	1 x 1¾	$1.50	$0.90
25	1 x 1¾	1.55	.93

TYPE E
Dual Element
(3 terminals)

525v Surge Pk.—450v D.C. Work.
Type E450—Dual Element

8-8	1⅜ x 2¼	$2.75	$1.65
8-16	1⅜ x 2¼	3.25	1.95
10-10	1⅜ x 2¼	3.00	1.80
12-12	1⅜ x 2¼	3.25	1.95
16-16	1⅜ x 2¾	3.50	2.10
20-20	1⅜ x 2¾	4.00	2.40

Type E450—Triple Element

8-8-8	1⅜ x 2¼	$4.25	$2.55
10-10-10	1⅜ x 2¼	5.00	3.00

INSULATED SCREW-MOUNTING CAPACITORS

TYPE G

These capacitors are highest quality hermetically-sealed aluminum can units, used in all quality electronic, radio and communications equipment. Constructed with threaded cover, provided with lock washer and hexagonal nut to provide simple means of mounting capacitor through hole in mounting surface. The capacitor may also be insulated from chassis by use of an insulating washer. Terminals are molded in cover. Single element units have two terminals; dual-element units have three terminals. Cathode connection in made through one terminal in the cover.

TYPE G
Single Element
(2 terminals)

600v Surge Pk.—475v D.C. Work.
Type G475—Single Element

Cap. Mfds.	Can Size-Ins. Dia.-High	List Price	Net Price
4	1⅜ x 2¼	$1.90	$1.14
8	1⅜ x 2¼	2.25	1.35

525v Surge Pk.—450v D.C. Work.
Type G450—Single Element

4	1⅜ x 2¼	$1.70	$1.02
8	1⅜ x 2¼	1.75	1.05
10	1⅜ x 2¼	2.00	1.20
12	1⅜ x 2¼	2.15	1.29
16	1⅜ x 2¼	2.40	1.44
20	1⅜ x 2¼	2.65	1.59
30	1⅜ x 2¼	3.00	1.80
40	1⅜ x 2¾	3.40	2.04
80	1⅜ x 4¼	6.00	3.60

TYPE G
Dual Element
(3 terminals)

Type G450—Dual Element

8-8	1⅜ x 2¼	$2.75	$1.65
8-16	1⅜ x 2¼	3.25	1.95
10-10	1⅜ x 2¼	3.00	1.80
12-12	1⅜ x 2¼	3.25	1.95
16-16	1⅜ x 2¾	3.50	2.10
20-20	1⅜ x 2¾	4.00	2.40

SCREW-MOUNTING WIRE-LEAD CAPACITORS

TYPE GL

These inverted mounting, aluminum can capacitors are made in single, double and triple section units with two separate color-coded leads 3½" long brought out from each section. The threaded neck and palnut provide a simple means of mounting the unit through a hole in the mounting surface. *Suitable for replacement of wet electrolytics.

800v Surge Pk.—600v D.C. Work.
Type GL600—Single Section

Cap. Mfds.	Can Size-Ins. Dia.-High	List Price	Net Price
4	1⅜ x 4	$3.00	$1.80
8	1⅜ x 4½	4.00	2.40
16	1⅜ x 4½	5.00	3.00

600v Surge Pk.—475v D.C. Work.
Type GL475—Single Section

8*	1⅜ x 3	$2.25	$1.35
12*	1⅜ x 3	3.15	1.89
16*	1⅜ x 3	3.50	2.10

Type GL475—Double Section

8-8	1⅜ x 4	$3.65	$2.19

525v Surge Pk.—450v D.C. Work.
Type GL450—Single Section

4	1⅜ x 3	$1.70	$1.02
8	1⅜ x 3	1.75	1.05
10	1⅜ x 3	2.00	1.20
12	1⅜ x 3	2.15	1.29
16	1⅜ x 3	2.40	1.44
20	1⅜ x 3	2.65	1.59
30	1⅜ x 3	3.00	1.80
40	1⅜ x 3	3.40	2.04
80	1⅜ x 4	6.00	3.60

Type GL450—Double Section

8-8	1⅜ x 4	$2.75	$1.65
8-16	1⅜ x 4	3.25	1.95
10-10	1⅜ x 4	3.00	1.80
12-12	1⅜ x 4	3.25	1.95
16-16	1⅜ x 4	3.50	2.10
20-20	1⅜ x 4	4.00	2.40

Type GL450—Triple Section

8-8-8	1⅜ x 4	$4.25	$2.55
10-10-10	1⅜ x 4	5.00	3.00

MIDGET Screw-Mounting WIRE-LEAD CAPACITORS

TYPE GLS

Colored polarity-indicating flexible leads. Inverted screw-mounting. Two 3½-inch leads for each section. 1-inch diameter can and short length make for more compact assemblies, while retaining generous proportions for hard service. Otherwise, similar to Type GL.

525v Surge Pk.—450v D.C. Work.
Type GLS450—Single Section

Cap. Mfds.	Can Size-Ins. Dia.-High	List Price	Net Price
4	1 x 2 3/16	$1.70	$1.02
8	1 x 2 11/16	1.75	1.05
12	1 x 3¼	2.15	1.29
16	1 x 3¼	2.40	1.44

Type GLS450—Double Section

8-8	1⅜ x 3	$2.75	$1.65

300v Surge Pk.—250v D.C. Work.
Type GLS250—Single Section

4	1 x 2 3/16	$1.55	$0.93
8	1 x 2 11/16	1.60	.96
12	1 x 2 11/16	1.75	1.05
16	1 x 3¼	1.85	1.11

CLEAT-MOUNTING METAL-CAN CAPACITORS TYPE PRVC

Aerovox-originated type. Replaces other electrolytics requiring mounting hole in chassis. Installed in a jiffy by center screw and metal cleat. Separate sections, two leads each section. Coded leads.

Type PRVC 600—Single Section
600v D.C. Working

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
4	1⅜ x 4	$2.60	$1.56
8	1½ x 4	3.45	2.07
16	1⅜ x 4¾	4.20	2.52

Type PRVC 475—Single & Double
475v D.C. Working

8	1⅜ x 3	$1.95	$1.17
12	1⅜ x 3	2.60	1.56
16	1⅜ x 3	3.00	1.80
8-8	1⅜ x 4	3.30	1.98

Type PRVC 450—Single Section
450v D.C. Working

4	1⅜ x 3	$1.40	$0.84
8	1⅜ x 3	1.45	.87
10	1⅜ x 3	1.60	.96
12	1⅜ x 3	1.75	1.05
16	1⅜ x 3	1.95	1.17
20	1⅜ x 3	2.15	1.29
30	1⅜ x 3	2.40	1.44
40	1⅜ x 3	2.80	1.68
80	1⅜ x 4	4.85	2.91

Type PRVC 450—Double Section

8-8	1⅜ x 4	$2.50	$1.50
8-16	1⅜ x 4	2.95	1.77
10-10	1⅜ x 4	2.70	1.62
12-12	1⅜ x 4	2.95	1.77
16-16	1½ x 4	3.35	2.01
20-20	1½ x 4	3.75	2.25

Type PRVC 450—Triple Section

8-8-8	1½ x 4	$3.50	$2.10
10-10-10	1½ x 4	4.00	2.40

HIGH-CAPACITY LOW-VOLTAGE CAPACITORS

TYPE HCLV

These high-capacity low-voltage units are used in electric fence control and other applications requiring very high capacitance values at very low voltages. These capacitors are supplied with an outer insulating tube and mounting ring. Sizes given below are over the outside tube.

Type HCLV12—12v D.C. Working

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
500	1 7/16 x 3	$2.75	$1.65
1000	1 7/16 x 3½	2.90	1.74
2000	1 7/16 x 4½	4.80	2.88
3000	2 1/16 x 4½	6.00	3.60
4000	2 1/16 x 4½	7.10	4.26

Type HCLV18—18v D.C. Working

500	1 7/16 x 3	$3.40	$2.04
1000	1 7/16 x 4½	4.00	2.40
2000	1 7/16 x 4½	6.20	3.72
4000	2 5/16 x 4½	8.75	5.25

Type HCLV25—25v D.C. Working

500	1 7/16 x 3	$4.00	$2.40
1000	1 7/16 x 4½	4.85	2.91
2000	2 1/16 x 3½	7.20	4.32
3000	2 1/16 x 4½	8.55	5.13
4000	2 5/16 x 4½	9.85	5.91

Type HCLV50—50v D.C. Working

1000	2 1/16 x 4½	$7.00	$4.20
2000	2 5/16 x 4½	9.10	5.46

AEROVOX Electrolytic Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

DANDEES

Miniature Tubular Aluminum Can DRY ELECTROLYTICS

TYPE PRS

SINGLE-SECTION
Two Leads

DUAL-ELEMENT
Three Leads

Tightly sealed aluminum-can dry electrolytics for use where money- and space-saving considerations are paramount. Smallest proportions consistent with full-rated capacity and voltage, operating under normal-duty conditions.

Excellent for crowded assemblies, DANDEES are favorites for use in midget sets, AC-DC sets, auto-radios, etc. Also many servicing jobs where low cost is important.

Electrically insulated with special waxed paper jacket. Ends spun over can rim, eliminating possibility of shorts if leads are bent close to unit. Generous length tinned wire leads. DANDEES are thoroughly aged, ready for immediate use. Each unit is thoroughly tested. Individually packed with guarantee slip. Dual-element units have three leads (common negative).

SINGLE-SECTION UNITS

Type PRS 450
525v Surge Pk.—450v D.C. Work.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
4	11/16 x 1 1/2	$0.90	$0.54
8	13/16 x 1 1/2	.95	.57
10	13/16 x 1 3/4	1.35	.63
12	15/16 x 1 1/2	1.15	.69
16	15/16 x 1 3/4	1.35	.81
20	1 1/16 x 1 3/4	1.50	.90
30	1 7/16 x 2 1/4	1.65	.99
40	1 11/16 x 2 1/2	2.00	1.20

Type PRS 350
400v Surge Pk.—350v D.C. Work.

4	11/16 x 1 1/2	$0.85	$0.51
8	13/16 x 1 1/2	.90	.54
12	13/16 x 1 3/4	1.10	.66
16	15/16 x 1 3/4	1.25	.75
24	1 5/16 x 1 3/4	1.35	.81

Type PRS 250
300v Surge Pk.—250v D.C. Work.

4	11/16 x 1 1/4	$0.80	$0.48
8	13/16 x 1 1/2	.85	.51
12	15/16 x 1 3/4	1.00	.60
16	15/16 x 1 1/2	1.10	.66
20	1 3/16 x 1 1/2	1.20	.72
40	1 5/16 x 2 1/4	1.45	.87

Type PRS 150
200v Surge Pk.—150v D.C. Work.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
4	9/16 x 1 1/4	$0.75	$0.45
8	11/16 x 1 1/4	.80	.48
12	11/16 x 1 1/4	.85	.51
16	13/16 x 1 1/2	.90	.54
20	13/16 x 1 3/4	.90	.54
24	13/16 x 1 3/4	.95	.57
30	15/16 x 1 1/2	1.00	.60
40	15/16 x 1 3/4	1.10	.66
50	15/16 x 1 3/4	1.20	.72
100	1 3/16 x 2 1/4	1.70	1.02

Type PRS 50
75v Surge Pk.—50v D.C. Work.

10	9/16 x 1 1/4	$0.80	$0.48
25	11/16 x 1 1/4	.90	.54
50	13/16 x 1 3/4	1.05	.63
100	15/16 x 1 3/4	1.50	.90

Type PRS 25
40v Surge Pk.—25v D.C. Work.

10	9/16 x 1 1/4	$0.75	$0.45
25	9/16 x 1 1/4	.85	.51
50	11/16 x 1 1/2	1.00	.60
100	13/16 x 1 1/2	1.20	.72

*Two leads at one end. Supplied with mounting bracket.

DUAL-ELEMENT UNITS

Type PRS 450
525v Surge Pk.—450v D.C. Work.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
8-8	13/16 x 2 1/4	$1.70	$1.02
8-16	13/16 x 2 1/4	2.00	1.20
16-16	1 7/16 x 2 1/4	1.85	1.11
20-20	1 11/16 x 3 1/4	2.40	1.44

Type PRS 200
250v Surge Pk.—200v D.C. Work.

8-8	11/16 x 1 3/4	$1.25	$0.75
8-16	13/16 x 2 1/4	1.30	.78
16-16	13/16 x 1 3/4	1.50	.90

Type PRS 150
200v Surge Pk.—150v D.C. Work.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
8-8	11/16 x 1 3/4	$1.15	$0.69
8-16	13/16 x 2 1/4	1.20	.72
20-20	13/16 x 1 3/4	1.30	.78
20-40	15/16 x 1 3/4	1.50	.90
30-40	15/16 x 2 1/4	1.30	.78
40-40	15/16 x 2 1/4	1.70	1.02
50-30	15/16 x 2 1/4	1.70	1.02
100-100	1 7/16 x 3 1/4	2.55	1.53

Type PRS 50
75v Surge Pk.—50v D.C. Work.

10-10	11/16 x 1 1/2	$1.15	$0.69

Type PRS 25
40v. Surge Pk.—25v D.C. Work.

10-10	13/16 x 1 1/4	$1.05	$0.63

TUBULAR CARDBOARD CONTAINER CAPACITORS

TYPES PRS-A and PRS-B in Wax-Sealed Cardboard Tubes

PRS-A is multiple-element, common-cathode concentrically-wound, with insulated positive leads at one end, and common negative at other. PRS-B, separate-section dual units with separate positive and negative leads for each section. Both types supplied with riveted mounting straps.

TYPE PRS-A
Multiple-Element Concentrically-Wound Units with 3 or 4 Leads (One Lead Common)

Type PRS-A 450
525v Surge Pk.—450v D.C. Work.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
8-8*	1 x 2 5/8	$1.70	$1.02
8-16	1 x 2 7/8	2.00	1.20
10-10	1 x 2 7/8	1.85	1.11
16-16	1 x 3 1/4	2.30	1.38
20-20	1 1/8 x 3 1/4	2.40	1.44
30-30	1 3/8 x 2 3/4	3.05	1.83
40-20	1 3/8 x 2 3/4	3.40	2.04
40-40	1 5/8 x 3 1/4	3.75	2.35

Type PRS-A 250
300v Surge Pk.—250v D.C. Work.

8-16	3/4 x 3	$1.60	$0.96
10-10	3/4 x 2 3/4	1.50	.90
16-16	7/8 x 3	1.70	1.02
20-20	7/8 x 3 1/4	1.80	1.08

Type PRS-A 200
250v Surge Pk.—200v D.C. Work.

8-8	3/4 x 2 5/8	$1.25	$0.75
8-16	7/8 x 2 3/8	1.30	.78
16-16	7/8 x 2 3/8	1.50	.90
30-30	7/8 x 2 3/4	1.75	1.05

Type PRS-A 150
200v Surge Pk.—150v D.C. Work.

8-8	11/16 x 2 3/8	$1.15	$0.69
8-16	3/4 x 2 3/8	1.20	.72
20-20	13/16 x 2 1/2	1.30	.78
20-30	7/8 x 2 5/8	1.35	.81
20-40	7/8 x 2 3/4	1.50	.90
30-30	7/8 x 2 3/4	1.50	.90
30-40	15/16 x 2 3/4	1.60	.96
30-50*	1 x 2 7/8	1.70	1.02
40-40	1 x 2 7/8	1.70	1.02
40-80	1 1/8 x 2 3/4	2.00	1.20
50-50	1 x 3 1/4	1.85	1.11

Type PRS-A 50
75v Surge Pk.—50v D.C. Work.

10-10	5/8 x 2 5/8	$1.15	$0.69

Type PRS-A 25
40v Surge Pk.—25v D.C. Work.

10-10	5/8 x 2 3/8	$1.05	$0.63

PRS-A Multiples (Common Negative)

Type	Cap. Mfd. ×D.C.W.V.	Size D.&H.
PRS-A-64D20A	30-20x150 +100x25	1x2 3/4
List Price $2.20	Net Price $1.32	
PRS-A-86D4A	40-30x150 +20x25	1x2 11/16
List Price $2.05	Net Price $1.23	
PRS-A-106D20A	50-30x150 +100x25	1x3 1/4
List Price $2.40	Net Price $1.44	

PRS-A Multiples (Continued)

Type	Cap. Mfd. ×D.C.W.V.	Size D.&H.
PRS-A-1010D4A	50-50x150 +20x25	1x3 1/4
List Price $2.25	Net Price $1.35	
PRS-A 444D	20-20-20 x150	11/16x2 1/2
List Price $2.00	Net Price $1.20	
PRS-A 642D	30-20-10 x150	11/16x2 1/2
List Price $2.00	Net Price $1.20	
PRS-A 844D	40-20-20 x150	13/16x2 3/4
List Price $2.10	Net Price $1.26	
PRS-A 864D	40-30-20 x150	1x2 3/4
List Price $2.15	Net Price $1.29	
PRS-A 888D	40-40-40 x150	1x3
List Price $2.40	Net Price $1.46	
PRS-A 1062D	50-30-10 x150	1x2 3/4
List Price $2.25	Net Price $1.35	
PRS-A 1064D	50-30-10 x150	1x2 3/4
List Price $2.50	Net Price $1.50	
PRS-A 1684D	80-40-20 x150	1x3 1/4
List Price $2.65	Net Price $1.59	

TYPE PRS-B
Dual-Section Capacitors with 4 Leads (Separate Sections)

Type PRS-B 450
525v Surge Pk.—450v D.C. Work.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
8-8	1 x 3	$2.10	$1.26
8-16	1 1/8 x 3 1/2	2.50	1.50
16-16	1 3/8 x 3 1/2	3.15	1.89

Type PRS-B 250
300v Surge Pk.—250v D.C. Work.

8-16	1 x 2 1/2	$2.25	$1.35
16-16	1 x 3	2.55	1.53

Type PRS-B 150
200v Surge Pk.—150v D.C. Work.

20-20	1 x 2 1/2	$2.00	$1.20
20-40	1 x 3	2.35	1.41

* These units are suitable television replacements and will meet the requirements specified for the original equipment as described in the Howard Sam's Fotofact Folders and Redbook.

AEROVOX Electrolytic Capacitors

IF IT'S MARKED 'AEROVOX' IT'S A QUALITY CAPACITOR

TYPE AF TWIST-PRONG BASE CAPACITORS

These capacitors are tightly sealed round aluminum can uits. They are mounted by means of prongs which extend through the mounting surface and are twisted to hold the unit in place. These are high-quality units especially suitable in compact assemblies where space is limited All connections, except the cathode, are made through terminals in the cover. The cathode is connected to the container. Base prongs slip into fibre or metal elliptic washer that is riveted or eyeletted on chassis, and are bent over. Fibre washer provides insulated can; metal elliptic washer, grounded can. **Metal or fibre washer supplied at 5c each net.** The terminal lugs slip through holes in washers for soldered connections.

SINGLE ELEMENT UNITS

Type	Cap. Mfds. x D.C.W.V.	Size D. x H.	List Price	Net Price
AF600R	3000x10	1x3	$4.50	$2.70
AF200P	1000x15	1x3	3.25	1.95
AF400P	2000x15	1 3/8 x3	4.70	2.82
AF5A	25x25	1x2	1.05	.63
AF8A	40x25	3/4 x2	1.10	.66
AF20A	100x25	3/4 x2	1.45	.87
AF100A	500x25	1x2 1/2	2.45	1.47
AF200A	1000x25	1 3/8 x2	3.55	2.13
AF30B	150x50	3/4 x2 1/2	2.45	1.74
AF100B	500x50	1 3/8 x2 1/2	3.55	2.13
AF5D	25x150	1x2	1.20	.72
AF6D	30x150	1x2	1.25	.75
AF8D	40x150	1x2	1.35	.81
AF10D	50x150	1x2	1.45	.87
AF20D	100x150	1x2 1/2	1.95	1.17
AF8E	40x200	1x2	1.50	.90
AF4F	20x250	1x2	1.45	.87
AF6F	30x250	3/4 x2 1/2	1.55	.93
AF8F	40x250	1x2	1.70	1.02
AF12F	60x250	1x2 1/2	2.05	1.23
*AF3G	15x300	1x2	1.40	.84
AF6G	30x300	1x2	1.65	.99
AF10G	50x300	1x2 1/2	1.95	1.17
AF25G	125x300	1 3/8 x3	3.20	1.92
AF10H	50x350	1x3	2.05	1.23
AF25H	125x350	1 3/8 x3	3.55	2.13
AF2I	10x400	3/4 x2	1.25	.75
AF4I	20x400	1x2	1.65	.99
AF16I	80x400	1 3/8 x2 1/2	2.95	1.97
*AF2J	10x450	1x2	1.30	.78
AF3J	15x450	1x2	1.55	.93
*AF4J	20x450	1x2	1.75	1.05
AF6J	30x450	1x2 1/2	1.90	1.14
*AF8J	40x450	1x3	2.25	1.35
AF10J	50x450	1x3	2.85	1.45
*AF16J	80x450	1 3/8 x3	3.85	2.31
AF2W	10x525	1x2	1.75	1.05

DUAL ELEMENT UNITS

AF88A	40-40x25	1x2	1.50	.90
AF1010B	50-50x50	1x2	1.70	1.02
AF44D	20-20x150	1x2	1.55	.93
AF63D	30-15x150	1x2	1.60	.96
AF66D	30-30x150	1x2	1.75	1.05
AF84D	40-20x150	1x2	1.75	1.05
*AF88D	40-40x150	1x2 1/2	1.95	1.17
AF106D	50-30x150	1x2	1.95	1.17
AF1010D	50-50x150	1x2 1/2	2.10	1.26
AF1212D	60-60x150	1x3	2.25	1.35
AF22F	10-10x250	1x2	1.75	1.05
*AF44F	20-20x250	1x2	2.05	1.23
AF88F	40-40x250	1x3	2.30	1.38
AF22G	10-10x300	1x2	1.80	1.08
AF33G	15-15x300	1x2	1.95	1.17
AF4G4A	20x300x20x25	1x2	1.85	1.11
AF6G6H	30x300x30x350	1x3	2.60	1.56
AF64H	30-20x350	1x3	2.50	1.50
AF33I	15-15x400	1x2 1/2	2.30	1.38
AF162I	80-10x400	1 3/8 x3	4.00	2.40
*AF22J	10-10x450	1x2	2.10	1.26
AF32J	15-10x450	1x2 1/2	2.35	1.41
AF42J	20-10x450	1x3	2.65	1.59
*AF44J	20-20x450	1x3	2.65	1.59
AF66J	30-30x450	1 3/8 x2	3.25	1.95
*AF88J	40-40x450	1 3/8 x3	3.65	2.19
AF164J	80-20x450	1 3/8 x3 1/2	4.50	2.70

* These units are suitable television replacements and will meet the requirements specified for the original equipment as described in the Howard Sam's Fotofact Folders and Redbook.

TRIPLE ELEMENT UNITS

Type	Cap. Mfds. x D.C.W.V.	Size D. x H.	List Price	Net Price
AF444A	20-20-20x25	1x2	$2.00	$1.38
AF666B	30-30-30x50	1x2	2.30	1.38
AF266D	10-30-30x150	1x2	2.30	1.38
AF444D	20-20-20x150	1x2	2.30	1.38
AF64D20S	30-20x150+100x6	1x2	2.65	1.59
AF66D4A	30-30x150+20x25	1x2	2.25	1.35
AF844D	40-20-20x150	1x2 1/2	2.40	1.44
*AF888D	40-40-40x150	1x3	2.60	1.56
AF44D4A	20-20x150+20x25	1x2	2.20	1.32
AF44D40A	20-20x150+200x25	1x3	2.65	1.59
AF64D4A	30-20x150+20x25	1x2	2.20	1.32
AF84D4A	40-20x150+20x25	1x2	2.30	1.38
AF84D20A	40-20x150+100x25	1x3	3.00	1.80
AF86D4A	40-30x150+20x25	1x2 1/2	2.35	1.41
AF88D4A	40-40x150+20x25	1x2 1/2	2.40	1.44
AF106D20A	50-30x150+100x25	1x3	3.10	1.86
AF1010D4A	50-50x150+20x25	1x3	2.55	1.53
AF233F	10-15-15x250	1x2	2.50	1.50
AF336F	10-15-30x250	1x2	2.65	1.59
AF844F	40-20-20x250	1x3	3.00	1.80
AF33F4A	15-15x250+20x25	1x2	2.45	1.47
AF43F4A	20-15x250+20x25	1x2	2.45	1.47
AF66F4A	30-30x250+20x25	1x2 1/2	2.70	1.62
AF24F6H	10-20x250+30x350	1x3	2.80	1.68
AF222G	10-10-10x300	1x2	2.40	1.44
AF44G4A	20-20x300+20x25	1x2	2.60	1.56
AF83G4A	40-15x300+20x25	1x2 1/2	2.80	1.68
AF22H4A	10-10x350+20x25	1x2	2.30	1.38
AF33H4A	15-15x350+20x25	1x2 1/2	2.55	1.53
AF42H4A	20-10x350+20x25	1x2 1/2	2.45	1.47
AF32H4A	15-10x350+20x25	1x2	2.40	1.44
AF64H4A	30-20x350+20x25	1x3	2.80	1.68
AF222I	10-10-10x400	1x2 1/2	2.50	1.50
AF33I8A	15-15x400+40x25	1x2 1/2	2.70	1.62
AF44I4A	20-20x400+20x25	1x3	2.80	1.68
AF222J	10-10-10x450	1x3	2.50	1.50
AF333J	15-15-15x450	1x3	3.00	1.80
*AF444J	20-20-20x450	1 3/8 x2 1/2	3.45	2.07
AF22J2A	10-10x450+10x25	1x2	2.30	1.38
*AF22J4A	10-10x450+20x25	1x2 1/2	2.35	1.41
AF24J4A	10-20x450+20x25	1x3	2.55	1.53
AF33J4A	15-15x450+20x25	1x3	2.70	1.62
AF43J4A	20-15x450+20x25	1x3	2.80	1.68
*AF44J4A	20-20x450+20x25	1x3	2.95	1.92
AF66J4A	30-30x450+20x25	1 3/8 x2 1/2	3.15	1.89
*AF88J4A	40-40x450+20x25	1 3/8 x3	4.00	2.40
AF2J2H4A	10x450+10x350+20x25	1x2	2.30	1.38
AF82J16D	40-10x450+80x150	1 3/8 x2 1/2	3.00	1.80
AF4J32G	20x450+15-10x300	1x3	2.85	1.71
AF3J4H4F	15x450+20x350 +20x250	1 3/8 x2	2.95	1.97
AF33J2G	15-15x450x10x300	1x3	2.80	1.68
AF31J3H	15-5x450+15x350	1x3	2.50	1.50
AF82J2H	40-10x450+10x350	1 3/8 x2	3.00	1.80

QUADRUPLE ELEMENT UNITS

AF444D4A	20-20-20x150+20x25	1 3/8 x2	2.85	1.71
AF666D8A	30-30-30x150+40x25	1 3/8 x2	3.05	1.83
AF886D4A	40-40-30x150+20x25	1 3/8 x2	3.10	1.86
AF101010D4A	50-50-50x150+20x25	1 3/8 x2	3.40	2.04
AF842E4A	40-20-10x200+20x25	1 3/8 x2	3.15	1.89
AF222G4A	10-10-10x300+20x25	1 3/8 x2	2.95	1.97
AF884G4A	40x350+40-20x300 +30x25	1 3/8 x3	3.95	2.37
AF421H4A	20-10-5x350+20x25	1 3/8 x2	3.05	1.83
AF4441I4A	20-20-20x400+20x25	1 3/8 x2 1/2	3.80	2.28
AF4J33H4A	20x450+15-15x350 +20x25	1 3/8 x2	3.60	2.16
*AF2222J	10-10-10-10x450	1 3/8 x2	3.25	1.95
*AF4444J	20-20-20-20x450	1 3/8 x2 1/2	4.50	2.70
AF222J5A	10-10-10x450+25x25	1 3/8 x2	3.05	1.83
AF444J4A	20-20-20x450+20x25	1 3/8 x2 1/2	4.00	2.40
AF44J66G	20-20x450+30-30x300	1 3/8 x3	4.35	3.61
*AF862J4A	40-30-10x450+20-25	1 3/8 x3	4.15	3.49

TYPE WR REPLACEMENTS FOR WET ELECTROLYTICS

Cat. No.	Cap., Mfd.	Replacement for	W.V.D.C.	Size, Inches Diam. x Height	List Price	Net Price
WR 10	10	4 to 12 mfd.	450	1 3/8 x 3	$1.45	$0.87
WR 20	20	16 to 20 mfd.	450	1 3/8 x 3	2.25	1.35
WR 30	30	26 to 30 mfd.	450	1 3/8 x 3	2.60	1.56
WR 40	40	30 to 40 mfd.	450	1 3/8 x 3	2.90	1.74

AEROVOX Electrolytic Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

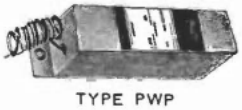
TYPE AEP PLUG-IN ELECTROLYTIC CAPACITORS

Quick change dry electrolytics. Facilitate testing and replacement in equipment where continuity of service is important. Install merely by plugging into standard octal socket. Unit can be inserted only the right way. Key of octal base fits octal socket. Ultra-compact due to use of etched foil for higher capacities in the small can sizes. Aluminum internal construction. Non-corrosive due to use of similar metals throughout. Fully vented for safety.

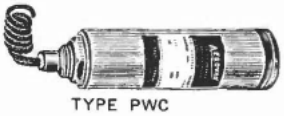
Type	Cap. Mfds. x D.C.W.V.	Size D. x H.	List Price	Net Price
	SINGLE-ELEMENT UNITS			
AEP5A	25x25	1 5/32 x 2 1/2	$2.10	$1.26
AEP4D	20x150	1 5/32 x 2 1/2	2.40	1.44
AEP8D	40x150	1 5/32 x 2 1/2	2.70	1.62
AEP2J	10x450	1 5/32 x 2 1/2	2.60	1.56
AEP3J	15x450	1 5/32 x 2 1/2	3.10	1.86
AEP4J	20x450	1 5/32 x 2 1/2	3.50	2.10
AEP6J	30x450	1 5/32 x 2 1/2	3.80	2.28
AEP8J	40x450	1 5/32 x 2 1/2	4.50	2.70
AEP16J	80x450	1 3/8 x 3 1/2	7.70	4.62
AEP2L	10x600	1 3/8 x 4 1/4	3.75	2.25
	DUAL-ELEMENT UNITS			
AEP44D	20-20x150	1 5/32 x 2 1/2	$3.10	$1.86
AEP88D	40-40x150	1 5/32 x 2 1/2	3.90	2.34
AEP22J	10-10x450	1 5/32 x 2 1/2	4.20	2.52
AEP44J	20-20x450	1 3/8 x 2 1/2	5.30	3.18
	TRIPLE-ELEMENT UNITS			
AEP444D	20-20-20x150	1 5/32 x 2 1/2	$4.60	$2.76
AEP88D4A	40-40x150+20x25	1 5/32 x 2 1/2	4.80	2.88
AEP222J	10-10-10x450	1 5/32 x 2 1/2	5.00	3.00
AEP22J4A	10-10x450+20x25	1 5/32 x 2 1/2	4.70	2.82
AEP44J4A	20-20x450+20x25	1 3/8 x 2 1/2	5.90	3.54
	QUADRUPLE-ELEMENT UNITS			
AEPG444D4A	20-20-20x150+20x25*	1 3/8 x 2 1/2	$5.70	$3.42
AEPG444J4A	20-20-20x450+20x25*	1 3/8 x 3	8.00	4.80

*Ground lug provided for cathode connection.

PAPER-WOUND REPLACEMENTS FOR ELECTROLYTICS



TYPE PWP



TYPE PWC

High-grade paper sections in standard inverted screw mounting aluminum can (PWC) or cardboard case (PWP) similar in appearance to electrolytics. Used as replacements for standard electrolytics indicated; applications subjected to high AC component or ripple particularly in first stage of filter circuit; or where excessive surges are encountered. No polarity to be observed. Actual capacity indicated in each case. Capacity is less than electrolytic being replaced but will be found adequate in most filter circuits since filtering capacity in electrolytics is more than generous. PWP has cardboard mounting flanges; PWC similar to the inverted dry electrolytic types.

800v. Surge Pk.-600v. D.C. Work.
Type PWC600

Rep'lg. Mfds.	Act. Mfds.	Size-Ins D. L.	List Price	Net Price
4	2	1 3/8 x 4 1/4	$2.10	$1.26
8	2.75	1 3/8 x 4 1/4	3.50	2.10
8-8	1.75-1.75	1 1/2 x 4 1/2	4.30	2.58

Type PWP600

4	2	4 1/8 x 1 3/8 x 11/16	$2.00	$1.20
8	3	4 1/8 x 1 5/8 x 1 1/8	3.25	1.95

CLEAT-MOUNTING CARDBOARD TYPE PRV

Aerovox-originated units. In cardboard tubes for economy. Replaces metal-can electrolytics requiring mounting hole in chassis. Separate sections. Coded leads.

Type PRV 600—Single Section
600v D.C. Working

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
4	1 3/8 x 4	$2.25	$1.35
8	1 3/8 x 4	2.95	1.77
16	1 3/8 x 4	3.45	2.07

Type PRV 450—Single Section
450v D.C. Working

4	1 3/8 x 3	$1.10	$0.66
8	1 3/8 x 3	1.15	.69
10	1 3/8 x 3	1.25	.75
12	1 3/8 x 3	1.35	.81
16	1 3/8 x 3	1.55	.93
20	1 3/8 x 3	1.70	1.02
30	1 3/8 x 3	1.85	1.11
40	1 3/8 x 3	2.20	1.32
80	1 3/8 x 4	3.75	2.25

Type PRV 450—Double Section

8-8	1 3/8 x 4	$2.30	$1.38
8-16	1 3/8 x 4	2.70	1.62
10-10	1 3/8 x 4	2.45	1.47
12-12	1 3/8 x 4	2.70	1.62
16-16	1 3/8 x 4	3.20	1.92
20-20	1 3/8 x 4 3/4	3.50	2.10

Type PRV 450—Triple Section

8-8-8	1 3/8 x 4 3/4	$2.75	$1.65
10-10-10	1 3/8 x 4 3/4	3.05	1.83

Type PRV 350—Double Section
350v D.C. Working

16-16	1 3/8 x 4	$3.00	$1.80

Type PRV 250—Double Section
250v D.C. Working

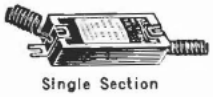
16-16	1 3/8 x 3	$2.50	$1.50

Type PRV 150—Double Section

20-20	1 3/8 x 3	$2.20	$1.32
30-30	1 3/8 x 3	2.80	1.68

SPACE-SAVER MIDGET CAPACITORS

TYPE PBS



Single Section

Double Section

Units encased in heavy cardboard containers, thoroughly impregnated and fully sealed. Two color-coded wire leads for each section; four leads, double section; six leads, triple section. Units may be mounted flat or upright; also, two or three units may be stacked by overlapping the metal flanges.

800v. Surge Pk.-600v. D.C. Work.
Type PBS600—Single Section

Cap. Mfds.	Size-Ins. H.—W.—L.	List Price	Net Price
4	1 7/16 x 1 1/8 x 2 7/16	$2.90	$1.74
8	1 7/16 x 1 1/2 x 3 1/8	3.25	1.95

525v. Surge Pk.-450v. D.C. Work.
Type PBS450—Single Section

2	1/2 x 3/4 x 2 7/16	$1.00	$0.60
4	5/8 x 1 x 2 7/16	1.10	.66
6	11/16 x 1 1/8 x 2 7/16	1.40	.84
8	11/16 x 1 1/8 x 2 7/16	1.45	.87
10	11/16 x 1 1/8 x 3 7/16	1.75	1.05
12	11/16 x 1 1/8 x 3 7/16	2.00	1.20
16	1 11/16 x 1 1/8 x 2 7/16	2.20	1.32

Type PBS450—Double Section

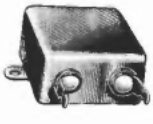
8-8	1 7/16 x 1 1/8 x 2 7/16	$2.25	$1.35
8-16	1 1/4 x 1 1/2 x 3	2.90	1.74

Type PBS450—Triple Section

8-8-8	1 1/4 x 1 1/2 x 3	$3.35	$2.01

DRAWN-CASE "BATHTUB" ELECTROLYTICS

TYPE BT



Ideal for applications in compact equipment where space is at premium, and rigid mounting is necessary. Sturdy immersion-proof construction.

Type BT 500—500v D.C.W.

Cap. Mfd.	Size-Ins. L.—W.—H.	List Price	Net Price
4	2 x 2 x 1 1/8	$4.70	$2.82
8	2 x 2 x 1 1/8	4.85	2.91

Type BT 450—450v D.C.W.

8	1 3/4 x 1 x 1	$4.25	$2.55
12	1 3/4 x 1 1/4 x 1	4.75	2.85
16	2 x 1 3/4 x 1	5.00	3.00

Type BT 350—350v D.C.W.

8	1 3/4 x 1 x 13/16	$3.70	$2.22
12	1 3/4 x 1 1/4 x 1 1/8	4.20	2.52
16	1 3/4 x 1 1/4 x 1 1/8	4.40	2.64
20	1 3/4 x 1 1/4 x 1 1/4	4.60	2.76

Type BT 150—150v D.C.W.

8	1 3/4 x 1 x 13/16	$2.75	$1.65
12	1 3/4 x 1 x 13/16	2.80	1.68
16	1 3/4 x 1 x 13/16	2.85	1.71
24	1 3/4 x 1 x 13/16	3.00	1.80
30	1 3/4 x 1 x 1	3.10	1.86
40	1 3/4 x 1 x 1	3.20	1.92

Type BT 50—50v D.C.W.

10	1 3/4 x 1 x 15/16	$2.65	$1.59
25	1 3/4 x 1 x 15/16	2.75	1.65
50	1 3/4 x 1 x 15/16	3.00	1.80

Type BT 25—25v D.C.W.

10	1 3/4 x 1 x 15/16	$2.60	$1.56
25	1 3/4 x 1 x 15/16	2.70	1.62
50	1 3/4 x 1 x 15/16	2.80	1.68

AEROVOX Mica Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

"POSTAGE-STAMP" MOLDED-IN-BAKELITE MICA CAPACITORS

Wide choice of designs, sizes, mountings, terminals offer the correct Aerovox unit for every application, as listed. Units built of selected mica and foil; molded bakelite casing impervious to moisture, heat, mechanical damage. Micrometer test for mica thickness maintains capacity values for long life. Capacity values indicated on units.

Type 1467

Compact, size 23/32 in. square, provided with wire leads. 1000 volts D.C. Test — 500 volts D.C. Wkg.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.0005	$0.25	$0.15	.004	$0.55	$0.33
.00075	.25	.15	.005	.60	.36
.001	.30	.18	.006	.75	.45
.0015	.30	.18	.007*	.90	.54
.002	.40	.24	.008*	1.00	.60
.0025	.45	.27	.009*	1.10	.66
.003	.50	.30	.01*	1.20	.72

Size 25/32" x 25/32" x 9/32" or (53/64" x 53/64" x 21/64" for units that have an asterisk [*]). Standard Tolerance ±20%; for ±10% add 10% to list prices; ±5% add 20% to list price; ±3% add 40% to list price; ±2% add 75% to list price.

Type 1468

Midget size 13/64" x 13/64" x 3/16" provided with wire leads. 1000 volts D.C. Test — 500 volts D.C. Wkg.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.00000180	.25	$0.15	.00015	$0.20	$0.12
.000005	.25	.15	.0002	.20	.12
.00001	.25	.15	.00025	.25	.15
.000025	.25	.15	.0003	.25	.15
.00004	.20	.12	.00035	.25	.15
.00005	.20	.12	.0004	.25	.15
.000075	.20	.12	.0005	.25	.15
.0001	.20	.12	.00075	.25	.15
			.001	.30	.18

Size 25/32" x 25/32" x 9/32". Standard Tolerance ±20%; for ±10% add 10% to list price; ±5% add 20% to list price; ±3% add 40% to list price; ±2% add 75% to list price.

Type 1478

With wire leads. Size 1 1/16" x 7/16" x 3/16". 1000 volts D.C. Test—500 volts D.C. Working.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.0005	$0.30	$0.18	0015	$0.45	$0.27
.00075	.30	.18	.002	.50	.30
.001	.40	.24			

Type 1441W

With wire leads. Size 1" x 5/8". 1000 volts D.C. Test—500 volts D.C. Working.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.0005	$0.25	$0.15	.003	$0.50	$0.30
.00075	.25	.15	.004	.55	.33
.001	.30	.18	.005	.60	.36
.0015	.30	.18	.006	.75	.45
.002	.40	.24	.008*	1.00	.60
.0025	.45	.27	.01*	1.20	.72

*5/16" thick. All others 3/16" thick.

MOLDED-IN-BAKELITE MICA CAPACITORS

Type 1460

Popular type molded-in-bakelite mica capacitor. Size 1 5/8" x 5/8". Two soldering lug terminals. 1000 volts D.C. Test—500 volts D.C. Working.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.0001	$0.20	$0.12	.00075	$0.25	$0.15
.00015	.20	.12	.001	.30	.18
.0002	.20	.12	.0015	.30	.18
.00025	.25	.15	.002	.40	.24
.0003	.25	.15	.0025	.45	.27
.00035	.25	.15	.003	.50	.30
.0004	.25	.15	.004*	.55	.33
.0005	.25	.15	.005*	.60	.36

*600v D.C. Test—300v D.C. Working; 9/32" thick, all others 17/64".

PORCELAIN-CASED MICA CAPACITORS

Ideal for those higher-frequency applications. Encased and hermetically-sealed in glazed porcelain case. Heavy-duty terminals. Power loss due to dielectric absorption reduced to a minimum. Units operate at full load without heating up. Dimensions: 3 1/2" between mounting holes, 4" overall by 3" high.

Types 1991-96

Type 1991—2000v. Max. D.C.

Cap. Mfd.	List Price	Net Price	Cap Mfd.	List Price	Net Price
.02	$14.75	$8.85	.1	$18.50	$11.10

Type 1992—3500v. Max. D.C.

.001	$6.50	$3.90	.005	$10.50	$6.30
.0015	6.50	3.90	.01	16.00	9.60
.002	8.00	4.80	.02	16.00	9.60
.003	8.75	5.25	.05	18.50	11.10

Type 1993—5000v. Max. D.C.

.002	$8.75	$5.25	.005	$10.50	$6.30
.003	9.50	5.70	.01	15.25	9.15

Type 1994—7000v. Max. D.C.

.0005	$6.50	$3.90	.003	$10.25	$6.15
.001	7.25	4.35	.005	11.00	6.60
.0015	8.00	4.80	.01	15.25	9.15
.002	9.50	5.70			

Type 1995—10000v. Max. D.C.

.002	$10.25	$6.15	.005	$14.50	$8.70
.003	13.00	7.80			

Type 1996—12500v. Max. D.C.

.00005	$8.00	$4.80	.001	$8.00	$4.80
.0001	8.00	4.80	.0015	9.50	5.70
.00025	8.00	4.80	.002	11.00	6.60
.0005	8.00	4.80	.003	15.25	9.15

HIGH-VOLTAGE MOLDED-IN-BAKELITE MICA CAPACITORS

Type 1450

1000v D.C. Test-600v D.C. Work.

Intended for the more critical service of low-powered transmitting circuits, buffer stages, power amplifiers, and laboratory equipment, etc. Non-magnetic parts are used to reduce r.f. losses to minimum, and heavy terminals provide minimum r.f. and contact resistance. Intended for point-to-point wiring, being supported entirely by its soldered connections. 1 1/4" x 1 1/4". 5/16" or 3/4" thick (see below).

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.00025	$0.45	$0.27	.005	$0.70	$0.42
.0003	.45	.27	.006	.80	.48
.00035	.45	.27	.008	.90	.54
.0004	.45	.27	.01	1.00	.60
.0005	.45	.27	.015*	1.35	.81
.001	.50	.30	.02*	1.45	.87
.0015	.55	.33	.025*	1.75	1.05
.002	.55	.33	.03*†	2.05	1.23
.0025	.60	.36	.04*†	2.65	1.59
.003	.70	.42	.05*†	3.30	1.98
.004	.70	.42			

*600v D.C. Test—300v D.C. Working. †3/4" thick. All others 5/16".

Types 1455-57

Size 1 1/4" x 1 53/32" x 11/32"

Types 1455-57, have insulated mounting holes, independent of soldering lugs, for connections. 1 1/2" spacing between mounting hole centers. If 1 5/16" spacing is preferred specify Types 1445-47. Large meter-mounting brackets permitting use of this type of unit for shunting meter windings may be obtained at 45c added to list price. Specify by adding suffix (A) to type number. Small brackets are also available at 25c additional. Specify by suffix (E). Both brackets have universal slots for either mounting hole spacing. Standard tolerance ±20%; for ±10% add 10% to list price; ±5% add 20%; ±2% add 75%.

Type 1455

1000v D.C. Test-600v D.C. Work.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.00005	$0.70	$0.42	.0025	$0.90	$0.54
.0001	.70	.42	.003	1.00	.60
.00015	.70	.42	.004	1.00	.60
.0002	.70	.42	.005	1.00	.60
.00025	.70	.42	.006	1.20	.72
.0003	.70	.42	.008	1.40	.84
.00035	.70	.42	.01	1.60	.96
.0004	.70	.42	.015	1.80	1.08
.0005	.70	.42	.02	2.20	1.32
.001	.70	.42	.025	2.65	1.59
.0015	.70	.42	.03	2.95	1.77
.002	.80	.48			

Type 1456

2500v D.C. Test-1250v D.C. Work.

.00005	$1.00	$0.60	.0015	$1.60	$0.96
.0001	1.00	.60	.002	1.90	1.14
.00015	1.00	.60	.0025	2.00	1.20
.0002	1.00	.60	.003	2.10	1.26
.00025	1.00	.60	.004	2.10	1.26
.0003	1.00	.60	.005	2.40	1.44
.00035	1.00	.60	.006	2.40	1.44
.0004	1.00	.60	.008	3.10	1.86
.0005	1.00	.60	.01	3.90	2.34
.001	1.25	.75			

Type 1457

5000v D.C. Test-2500v D.C. Work.

.00005	$1.25	$0.75	.0004	$1.65	$0.99
.00075	1.25	.75	.0005	1.70	1.02
.0001	1.25	.75	.001	2.05	1.23
.00015	1.30	.78	.0015	2.70	1.62
.0002	1.40	.84	.002	3.10	1.86
.00025	1.50	.90	.0025	3.45	2.07
.0003	1.55	.93	.003	3.80	2.28
.00035	1.60	.96			

Types 1650-54

Heaviest-duty molded in bakelite mica capacitors of the AEROVOX line. Provided with threaded holes taking the roundhead screw terminals. Also available with plain holes through which screws or rods may be slipped. Same price as 1650 series, but specify 1650A, etc. when latter is desired. 7/16" or 3/4" thick (see * below). Types 1650, 1651 and 1652 are supplied in brown bakelite. Types 1653L and 1654L are supplied only in low-loss (yellow) XM Bakelite. Standard tolerance ±20%; for ±10% add 10% to list price; ±5% add 20%; ±2% add 75%.

Type 1650

1000v D.C. Test-600v D.C. Work.
700v A.C. Test-350v A.C. Work.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.00005	$0.85	$0.51	.004	$1.20	$0.72
.0001	.85	.51	.005	1.20	.72
.00025	.85	.51	.006	1.40	.84
.0003	.85	.51	.008	1.65	.99
.00035	.85	.51	.01	1.95	1.17
.0004	.85	.51	.015	2.25	1.35
.0005	.85	.51	.02	2.60	1.56
.001	.85	.51	.025	3.20	1.92
.0015	.90	.54	.03	3.45	2.07
.002	.90	.54	.04*	4.50	2.70
.0025	1.00	.60	.05*	5.35	3.21
.003	1.20	.72	.06*	6.20	3.72

Type 1651

2500v D.C. Test-1250v D.C. Work.
1750v A.C. Test-875v A.C. Work.

.00005	$1.00	$0.60	.003	$2.20	$1.32
.0001	1.00	.60	.004	2.20	1.32
.00025	1.00	.60	.005	2.40	1.44
.0003	1.00	.60	.006	2.40	1.44
.00035	1.00	.60	.008	3.10	1.86
.0004	1.00	.60	.01	3.90	2.34
.0005	1.00	.60	.015	4.65	2.79
.001	1.25	.75	.02*	5.45	3.27
.0015	1.60	.96	.025*	6.10	3.66
.002	1.90	1.14	.03*	6.40	3.84
.0025	2.00	1.20			

Type 1652

5000v D.C. Test-2500v D.C. Work.
3500v A.C. Test-1750v A.C. Work.

.00005	$1.25	$0.75	.001	$2.05	$1.23
.000075	1.25	.75	.0015	2.60	1.56
.0001	1.25	.75	.002	3.10	1.86
.00015	1.30	.78	.0025	3.45	2.07
.0002	1.40	.84	.003	3.80	2.28
.00025	1.50	.90	.004	4.35	2.61
.0003	1.55	.93	.005	4.70	2.82
.00035	1.60	.96	.006	4.85	2.91
.0004	1.65	.99	.008*	5.30	3.18
.0005	1.70	1.02	.01*	5.70	3.42

Type 1653L

7500v D.C. Test-3750v D.C. Work.
5250v A.C. Test-2625v A.C. Work.

.00005	$2.65	$1.59	.0004	$4.70	$2.82
.000075	2.90	1.74	.0005	5.20	3.12
.0001	3.05	1.83	.001	6.15	3.69
.00015	3.30	1.98	.0015	8.10	4.86
.0002	3.45	2.07	.002	9.20	5.52
.00025	3.80	2.28	.0025	10.30	6.18
.0003	3.90	2.34	.003*	11.40	6.84
.00035	4.60	2.76			

Type 1654L

10000v D.C. Test-5000v D.C. Work.
7000v A.C. Test-3500v A.C. Work.

.00005	$3.00	$1.80	.0003	$5.70	$3.42
.000075	3.30	1.98	.00035	6.00	3.60
.0001	3.70	2.22	.0004	6.15	3.69
.00015	4.05	2.43	.0005	7.90	4.74
.0002	5.00	3.00	.001*	10.00	6.00
.00025	5.45	3.27			

*3/4" thick. All others 7/16".

AEROVOX Mica Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

SILVERED MICA CAPACITORS

For most critical applications where precise capacity values must be attained and maintained, AEROVOX silvered mica units are generally available. Encased in red molded XM bakelite. Similar in external appearance to standard bakelite molded mica units.

Unique construction. Only plus .0022 per degree F.—a remarkably low temperature coefficient. Excellent retrace characteristics. Practically no capacity drift with time. Exceptionally high "Q". Mechanically protected against physical damage and changes in electrical characteristics due to varying atmospheric conditions. Wax impregnated externally. Ideal for use in circuits where inductance and capacity product must remain constant under all operating conditions. Specifically designed for use in push-button tuning, oscillator padding circuits, fixed tuned circuits, and as capacitance standards, etc., where accuracy and stability are of prime importance.

Standard tolerance ±5%. For ±20% deduct 10% from price. For ±10% deduct 5%. For ±3% add 10%. For ±2% add 15%. For ±1% add 25%.

TYPE 1464—1000v. D.C. TEST

Size 29/32 in. square. Provided with wire leads. *600v. D.C. test.

Cap. Mfd.	List Price	Net Price	Cap. Mfd.	List Price	Net Price
.00075	$0.90	$0.54	.002	$1.35	$0.81
.0008	.95	.57	.0025	1.80	1.08
.0009	1.00	.60	.003*	2.05	1.23
.001	1.10	.66	.004*	2.15	1.29
.0015	1.35	.81	.005*	2.25	1.35

TYPE 1469—1000v. D.C. TEST

Size 13/16" x 29/32". Provided with wire leads.

.000005	$0.55	$0.33	.00015	$0.45	$0.27
.00001	.40	.24	.0002	.45	.27
.000025	.40	.24	.00025	.45	.27
.00004	.40	.24	.0003	.55	.33
.00005	.40	.24	.00035	.60	.36
.00007	.40	.24	.0004	.65	.39
.000075	.40	.24	.0005	.70	.42
.0001	.40	.24			

TYPE 1479—1000v. D.C. TEST

Size 1 1/16" x 7/16". Provided with wire leads.

.0001	$0.40	$0.24	.0005	$0.70	$0.42
.00015	.45	.27	.0007	.85	.51
.0002	.45	.27	.00075	.90	.54
.00025	.45	.27	.0008	.95	.57
.0003	.55	.33	.0009	1.00	.60
.00035	.60	.36	.001	1.10	.66
.0004	.65	.39			

Commercial Grade MICA TRANSMITTING CAPACITORS

Extra-heavy-duty Capacitors for

- **Commercial Communication Companies**
- **Broadcasters**
- **Builders of Quality Radio and Electronic Equipment**
- **Amateurs, Experimenters**

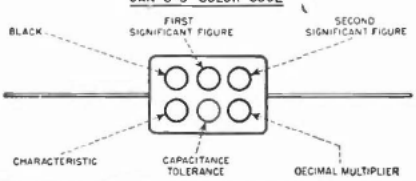
With these capacitors Aerovox is contributing its share towards narrowing still more the small remaining gap between professional and amateur radio practices.

Due to the normally limited demand for these extra-heavy-duty mica capacitors, as well as the considerable number of capacitance and voltage ratings in which they are made, this line is made to special order. However, your Authorized Aerovox Jobber is now able to order these commercial-grade capacitors for you.

Consult your Aerovox Jobber for specifications and quotations.

MICA CAPACITOR COLOR CODES

JAN-C-5 COLOR CODE



Color	Figure or Multiplier	Characteristic Letter	Tolerance	Color	Figure or Multiplier	Characteristic Letter	Tolerance
Black	0	A	20% (M)	Blue	6	G	....
Brown	1	B	....	Violet	7	..	....
Red	2	C	2% (G)	Gray	8	..	....
Orange	3	D	....	White	9	..	....
Yellow	4	E	....	Gold	.1	..	5% (J)
Green	5	F	....	Silver	.01	..	10% (K)

CHARACTERISTIC LETTERS

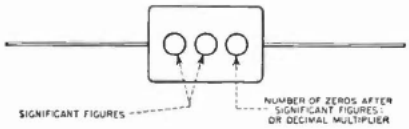
Characteristic	Q	Temperature Coefficient Parts/Million/deg. C	Maximum Capacitance Drift (F-6)	Verification of Characteristics by Production Test
A	Not specified	Not specified	Not specified	Not required
B	[As specified	Not specified	Not specified	Not required
C	in D-5c (1)]	—200 to +200	0.5 per cent	Not required
D	"	—100 to +100	0.2 per cent	Not required
E	"	0 to +100	0.05 per cent	Not required
F	"	0 to +50	0.025 per cent	Required
G	"	0 to —50	0.025 per cent	Required

Type No.	AEROVOX No. & Remarks	Type No.	AEROVOX No. & Remarks
CM20	1468, 1469	CM56	1652A thin (up to .0043 mfd., incl.)
CM25	1478, 1479	CM56	1651A thin (.0047 to .013 mfd., incl.)
CM30	1464, 1467	CM56	1650A thin (.015 to .003 mfd., incl.)
CM35	1464, 1467 (500 v. DCW up to .0062 mfd. incl.)	CM60	1652 thick (up to .012 mfd., incl.)
CM40	1441W or 1441 WR (500 v. DCW up to .0082 mfd. incl.)	CM60	1651 thick (.018 to .033 mfd., incl.)
CM45	1447 thin (up to .0018 mfd., incl.)	CM60	1650 thick (.036 to .047 mfd., incl.)
CM45	1446 thin (.002 to .0036 mfd., incl.)	CM61	1652A thick (up to .012 mfd., incl.)
CM45	1445 thin (.0039 to .01 mfd., incl.)	CM61	1651A thick (.018 to .033 mfd., incl.)
CM50	1447 thick (.002 to .0051 mfd., incl.)	CM61	1650A thick (.036 to .047 mfd., incl.)
CM50	1446 thick (.0056 to .011 mfd., incl.)	CM65	1570
CM50	1445 thick (.012 to .027 mfd., incl.)	CM70	1550
CM55	1652 thin (up to .0043 mfd., incl.)	CM75	1950
CM55	1651 thin (.0047 to .013 mfd., incl.)	CM80	1960
CM55	1650 thin (.015 to .033 mfd., incl.)	CM85	1970
		CM90	1980
		CM95	1990

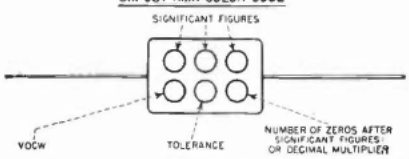
RMA COLOR CODE

THREE DOT RMA COLOR CODE

USED FOR 500 VDCW CAPACITORS WHOSE TOLERANCE IS GREATER THAN 10%



SIX DOT RMA COLOR CODE

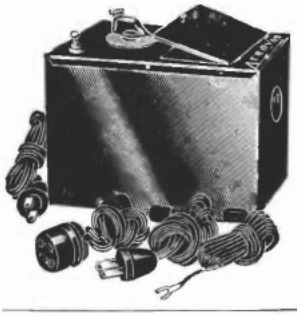


Color	Significant Figure, or No. of Zeros, or Decimal Multiplier	VDCW	Tolerance	Color	Significant Figure, or No. of Zeros, or Decimal Multiplier	VDCW	Tolerance
Black	0	....	....	Violet	7	700	7%
Brown	1	100	1%	Gray	8	800	8%
Red	2	200	2%	White	9	900	9%
Orange	3	300	3%	Gold	.1	1000	5%
Yellow	4	400	4%	Silver	.01	2000	10%
Green	5	500	5%	None	..	500	20%
Blue	6	600	6%				

AEROVOX Interference Filters and Auto-Radio CONDENSERS

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

AEROVOX INTERFERENCE FILTER SELECTOR



TYPE ANL-37

Plugs between interfering device and outlet. Selector switch adjusted until noise is eliminated or minimized. Dial indicates which type filter to use. Handsome, sturdy metal cabinet. Compartment contains necessary test leads and attachment plugs and clips. Size 5½ x 5½ x 8 inches.

TYPE ANL-37

Dealers Net Price.....$17.50

AEROVOX Type IN-23

For elimination of interference caused by neon lamps or fractional horsepower motors. Mounting bracket for attaching to neon fixture (one eliminator needed for each fixture) or for attaching to frame of motor. Flexible leads for connecting across motors such as in hairdriers, fans, mixers, etc. .5-.5 mfd. 1 x 2⅛ in.

TYPE IN-23

List Price $1.25 Net Price $0.75

AEROVOX Type IN-27

Simple, inexpensive noise filter. Inserted between set and outlet when interference is slight. Also used with appliance causing low-intensity interference. Keeps troublesome noises out of house wiring and power line. Size 1⅜ x 1½ inches.

TYPE IN-27

List Price $1.50 Net Price $0.90

AEROVOX Type IN-28

Intended for cases where ground is considerable distance from point of application. Most efficient when mounted directly on interfering device by bracket. Size 1⅜ x 2 inches.

TYPE IN-28

List Price $2.00 Net Price $1.20

AEROVOX Type IN-29

Provides additional filtering action over IN-27 and IN-28. Especially effective for local sources of interference of variable character but strong intensity. Very effective for electric razor and other vibrating devices. Plugs between device and line. Size 1⅜ x 3 inches.

TYPE IN-29

List Price $1.75 Net Price $1.05

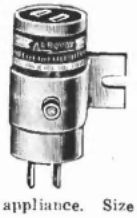
AEROVOX Type IN-30

Similar to IN-29 but with additional inductance. Handles more severe interference. Plugs between set and outlet, or preferably between noisy appliance and outlet. Size 1⅜ x 3 inches.

TYPE IN-30

List Price $2.50 Net Price $1.50

AEROVOX Type IN-31



Plugs in between attachment cord and electric outlet, either of set or preferably at appliance. Additional inductance for better filtering. Works best mounted by bracket directly on interfering appliance. Size 1⅜ x 3 inches.

TYPE IN-31

List Price $3.00 Net Price $1.80

AEROVOX Type IN-42

Designed for use in the more serious cases of radio interference from power lines and appliances. Provided with inductance as well as capacitance for thorough filtering action. Plugs into electric outlet. Radio set or interfering device plugs into receptacle of the filter. Recommended for use between interfering device and power line. Size 2½" x 3¾". Provided with mounting ring. Rated at 6 amps. for 110-220v. A.C..

TYPE IN-42

List Price $7.50 Net Price $4.50

AUTO-RADIO CONDENSERS

SUPPRESSOR CONDENSERS

Type	Cap. Mfd.	List Price	Net Price
1120	1.0	$0.90	$0.54
1140	0.5	.65	.39

Dual-Section SUPPRESSOR CONDENSERS

Type	Cap. Mfd.	List Price	Net Price
1141	.5-.5	$1.25	$0.75

MOTOROLA Replacement Condenser

For Models 65 and 70 (Part No. 3321)

Consists of two Aerovox Type 1466 Mica Capacitors rated at .0008 mfd., 2500 volts D.C. Test.

List Price (complete).....$0.65

Net Price $0.39

SUPPRESSOR CONDENSERS FOR FORD AUTO RADIOS

Type	Cap. Mfd.	List Price	Net Price
1144	.5	$0.65	$0.39

For 1936 Models

Type	Cap. Mfd.	List Price	Net Price
1150	.5	$0.85	$0.51

TUBULAR VIBRATOR CONDENSERS

Aerolene Impregnated

Type	Cap. Mfd.	List Price	Net Price
1688	.005	$0.55	$0.33
1688	.006	.55	.33
1688	.01	.60	.36
1688	.02	.60	.36

GAS GAUGE FILTER CONDENSER

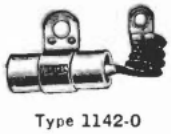
Type 1143-G

Cap. Mfd.	List Price	Net Price
.05	$0.65	$0.39

AMMETER CONDENSERS

Type	Cap. Mfd.	List Price	Net Price
1160	.5	$0.65	$0.39

OIL GAUGE FILTER CONDENSER



Type 1142-0

Cap. Mfd.	List Price	Net Price
.25	$0.60	$0.36

AEROVOX Paper Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

TUBULAR PAPER CAPACITORS

Type 84

Aerovox cartridge capacitors are especially desirable for use where high grade units are required at low cost. They are compact, non-inductively wound and sealed in wax impregnated paper tubes with wax filled ends for longer life and protection against moisture.

Types and D.C.W. Voltages

	Type 484 400v.		Type 684 600v.	
Cap. Mfds.	List Price	Sug. Resale Price	List Price	Sug. Resale Price
.001	$0.23	$0.14	$0.23	$0.14
.002	.23	.14	.23	.14
.003	.23	.14	.23	.14
.004	.23	.14	.23	.14
.005	.23	.14	.23	.14
.006	.23	.14	.23	.14
.0075	.23	.14	.27	.16
.01	.23	.14	.27	.16
.015	.23	.14	.27	.16
.02	.23	.14	.27	.16
.025	.27	.16	.32	.19
.03	.27	.16	.32	.19
.05	.27	.16	.36	.22
.06	.32	.19	.36	.22
.075	.32	.19	.41	.25
.1	.32	.19	.41	.25
.15	.36	.22	.45	.27
.2	.36	.22	.50	.30
.25	.41	.25	.50	.30
.5	.54	.32	.72	.43
1.0	.81	.49	1.13	.68

	Type 1084 1000v.		Type 1684 1600v.	
Cap. Mfds.	List Price	Sug. Resale Price	List Price	Sug. Resale Price
.001	$0.45	$0.27	$0.50	$0.30
.002	.45	.27	.50	.30
.003	.45	.27	.50	.30
.004	.45	.27	.50	.30
.005	.45	.27	.50	.30
.006	.45	.27	.50	.30
.0075	.45	.27	.50	.30
.01	.45	.27	.54	.32
.015	.45	.27	.54	.32
.02	.45	.27	.54	.32
.025	.45	.27	.54	.32
.03	.45	.27	.63	.38
.05	.54	.32	.68	.41
.06	.54	.32	.72	.43
.075	.63	.38	.81	.49
.1	.68	.41		
.15	.81	.49		
.2	.90	.54		
.25	1.04	.62		

METAL-CASED Ultra-Compact PAPER CAPACITORS

Type 80

Ultra-compact heavy-duty capacitors. Wax-impregnated, wax-filled. Used as replacements in sound equipment, high power radio receivers, electronic devices, and communication equipment. Housed in a rust-proof container with soldering terminals conveniently located.

Type 1080—1000v. D.C. Work.

Cap. Mfds.	Size-Ins. D.	W.	L.	List Price	Net Price
.5	11/16	x1	1¼ x2	$2.25	$1.35
1.0	1¼	x1	1¼ x2	3.15	1.89
2.0	2½	x1	1¼ x2	4.85	2.91
4.0	2⅜	x2	1 7/16 x2	7.85	4.71

DRAWN-CASE OIL FILLED "HYVOL" CAPACITORS

TYPE 30

For applications requiring a compact superior-grade oil-impregnated, oil-filled capacitor. Non-inductive paper sections encased in a one-piece drawn metal case with soldered bottom plate for hermetic seal. Absolutely immersion-proof terminal assembly. Meets severe operating conditions encountered in aircraft, police, broadcast, p.a., and other types of communications equipment.

TYPE 430-400 V.D.C.W.

Cap. Mfds.	L x W x H	List Price	Net Price
.05	1¾x1 x ¾	$1.75	$1.05
.1	1¾x1 x ¾	2.00	1.20
.25	1¾x1 x 13/16	2.25	1.35
.5	1¾x1 x ⅞	2.40	1.44
.75	2 1/16x1¼x ¾	2.70	1.62
1.0	2 x1¾x 13/16	2.85	1.71
2.0	2 x2 x1⅛	3.60	2.16
.05-.05	1¾x1 x 13/16	2.75	1.65
.1-.1	1¾x1 x 13/16	3.00	1.80
.25-.25	1¾x1¼x ⅞	3.25	1.95
.5-.5	2 x1¾x 13/16	3.75	2.25
1.0-1.0	2 x2 x1⅛	4.50	2.70
.05-.05-.05	1¾x1 x 13/16	3.50	2.10
.1-.1-.1	1¾x1 x ⅞	3.65	2.19
.25-.25-.25	2 x1¾x ⅞	4.00	2.40

Type 630—600v D.C. Working

.05	1¾x1	x ¾	$2.60	$1.56
.1	1¾x1	x ¾	2.65	1.59
.25	1¾x1	x 13/16	2.80	1.68
.5	1¾x1	x ⅞	3.00	1.80
.75	2 1/16x1¼x	⅞	3.20	1.92
1.0	2 x1¾x	⅞	3.40	2.04
2.0	2 x2	x1 3/16	4.55	2.73
.05-.05	1¾x1	x 13/16	3.30	1.98
.1-.1	1¾x1	x 13/16	3.35	2.01
.25-.25	1¾x1¼x	⅞	3.40	2.04
.5-.5	2 x1¾x	⅞	3.90	2.34
1.0-1.0	2 x2	x1 1/16	4.80	2.88
.05-.05-.05	1¾x1	x 13/16	3.70	2.22
.1-.1-.1	1¾x1	x 13/16	3.80	2.28
.25-.25-.25	2 x1¾x	⅞	4.30	2.58

Type 1030—1000v D.C. Working

.05	1¾x1	x ¾	$2.75	$1.65
.1	1¾x1	x ¾	2.85	1.71
.25	1¾x1	x 13/16	2.95	1.77
.5	2 1/16x1¼x	⅞	3.20	1.92
.75	2 x1¾x	⅞	3.80	2.28
1.0	2 x1¾x	1	4.00	2.40
.05-.05	1¾x1	x 13/16	3.50	2.10
.1-.1	1¾x1	x 13/16	3.60	2.16
.25-.25	2 1/16x1¼x	⅞	3.80	2.28
.5-.5	2 x1¾x	1	4.95	2.97
.05-.05-.05	1¾x1	x 13/16	3.85	2.31
.1-.1-.1	1¾x1¼x	⅞	4.15	2.49
.25-.25-.25	2 x2	x1	5.00	3.00

MIDGET TUBULAR METAL-CASED "HYVOL" CAPACITORS

Type 38

These units are hermetically-sealed and are exceptionally compact. Originally designed as alternates for mica capacitors but have since become a standard item in the Aerovox oil-filled capacitor line. Not only used as replacements in existing equipment, but are especially suitable for newly-designed equipment particularly where allowable weight of the finished assembly and allotted space is at a minimum. Despite unusual ultra-small size for oil-impregnated, oil-filled capacitors, constructional and electrical characteristics meet many of the exacting conditions to which molded-in-bakelite mica capacitors are normally subjected. Type 38 units are normally supplied with case insulated, and are provided with outer insulating tube.

Type 338T—300v D.C. Working

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
.001	5/16 x 1 3/16	$0.85	$0.51
.002	5/16 x 1 3/16	.85	.51
.003	5/16 x 1 3/16	.85	.51
.005	5/16 x 1 3/16	.85	.51
.006	5/16 x 1 3/16	.85	.51
.0075	5/16 x 1 3/16	.85	.51
.01	5/16 x 1 3/16	.85	.51

Type 538T—500v D.C. Working

.001	5/16 x 1 3/16	$0.95	$0.57
.002	5/16 x 1 3/16	.95	.57
.003	5/16 x 1 3/16	.95	.57
.005	5/16 x 1 3/16	.95	.57
.006	7/16 x 1 3/16	.95	.57
.0075	7/16 x 1 3/16	.95	.57
.01	7/16 x 1 3/16	.95	.57

Type 638T—600v D.C. Working

.001	7/16 x 1 3/16	$0.95	$0.57
.002	7/16 x 1 3/16	.95	.57
.003	7/16 x 1 3/16	.95	.57
.005	7/16 x 1 3/16	.95	.57
.006	7/16 x 1 3/16	.95	.57
.0075	7/16 x 1 3/16	.95	.57
.01	7/16 x 1 3/16	.95	.57

Type 838T—800v D.C. Working

.001	7/16 x 1 3/16	$1.05	$0.63
.002	7/16 x 1 3/16	1.05	.63
.003	7/16 x 1 3/16	1.05	.63
.005	7/16 x 1 3/16	1.05	.63

TUBULAR CAPACITORS

OIL-IMPREGNATED OIL-FILLED

Type 89

Immersion-proof, oil-impregnated, oil-filled units in handy, space-saving tubular form. Ideal for use in vibrator applications, coupling and by-pass functions in transmitters, high-voltage amplifiers, in r.f. by-pass circuits, interference eliminators for motors and generators, and in test equipment. Fully sealed against oil leakage or moisture penetration. Case is insulated, not connected to the capacitor section. Mounting strap and outer insulating tube are supplied.

Types and D.C.W. Voltages

	489-400		689-600	
Cap. Mfd.	List Price	Net Price	List Price	Net Price
.015	$0.95b	$0.57	$1.00c	$0.60
.02	1.00b	.60	1.05c	.63
.03	1.05c	.63	1.10c	.66
.04	1.05c	.63	1.10c	.66
.05	1.05c	.63	1.10d	.66
.075	1.10d	.66	1.20f	.72
.1	1.15d	.69	1.25f	.75
.25	1.45f	.87	1.70h	1.02
.5	1.70k	1.02		

	1089-1000		2089-2000	
.006	$1.10a	$0.66	$1.25e	$0.75
.0075	1.10b	.66	1.25e	.75
.01	1.10c	.66	1.25e	.75
.015	1.20c	.72	1.30f	.78
.02	1.20c	.72	1.35g	.81
.03	1.20d	.72	1.40g	.84
.04	1.20d	.72	1.40g	.84
.05	1.30d	.78	1.45g	.87
.075	1.40f	.84		
.1	1.50f	.90		

Sizes—Type 89

a—½ x 1 7/16
b—½ x 1 11/16
c—11/16 x 1 11/16
d—11/16 x 2 3/16
e—13/16 x 1 11/16
f—13/16 x 2 3/16
g—13/16 x 2 7/16
h—13/16 x 2 7/8
k—1 7/8 x 2 7/8

COMPACT ENERGY-STORAGE CAPACITORS TYPE PX

For high-speed flash photography, capacitor discharge welding, flash signaling equipment, pulsing and other energy storage uses requiring extremely high currents during short discharge periods. Compact, minimum weight, solder lug terminals, terne plate containers.

22.5 WATT SECONDS

V.D.C. PEAK	Nominal Cap. Mfd.	Type No.	List Price	Net Price
1500	20	PX10D1	$14.00	$ 9.80

50.0 WATT SECONDS

2000	28	PX14D3	$20.00	$14.00

75.0 WATT SECONDS

2500	24	PX14D2	$20.00	$14.00
3000	16	PX18D1	23.00	16.10

100.0 WATT SECONDS

2500	30	PX15D1B	$34.00	$23.80
4000	12.5	PX20D1	22.00	15.40

PX10D1 dimensions 2½"x3¾"x4⅝"
PX15D1B dimensions 4 3/16"x3¾"x6½".
ALL OTHERS 4 3/16"x3¾"x4⅝" high.

UNCASED PAPER CAPACITORS Type UC

Non-inductively wound high grade, ultra-compact, uncased sections, neatly shaped and wrapped in black varnished paper with ends sealed with pitch and provided with insulated wire leads, eight inches long. Designed for replacement use in filter block repair work.

TYPE UC200-200 V.D.C.W.

Cap. Mfd.	Size-Ins. L.	W.	D.	List Price	Net Price
.1	2	x ¾ x	¼	$0.65	$0.39
.25	2	x1 x	5/16	.70	.42
.5	2	x1 x	½	.75	.45
1.0	2	x1 ⅜ x	13/16	1.00	.60

TYPE UC400-400V.D.C.W.

.1	2	x ⅞ x	¼	$0.75	$0.45
.25	2	x1 x	⅜	.80	.48
.5	2	x1 5/16 x	9/16	.85	.51
1.0	2	x1 ⅞ x	11/16	1.15	.69
2.0	3 ¼	x1 ⅞ x	⅞	1.80	1.08
4.0	4 ⅝	x1 ⅞ x1 ⅛		3.00	1.80

TYPE UC600-600 V.D.C.W.

.25	2	x1 ⅛ x	9/16	$0.90	$0.54
.5	2	x1 9/16 x	13/16	1.05	.63
1.0	3 ¼	x1 ⅞ x	11/16	1.40	.84
2.0	3 ¼	x1 ⅞ x1	9/16	2.10	1.26
4.0	4 ⅜	x1 ⅞ x1 ⅞		3.80	2.28

TYPE UC1000-1000 V.D.C.W.

.5	4 ⅜	x1 ⅞ x	11/16	$1.55	$0.93
1.0	4 ⅜	x1 ⅞ x1		2.30	1.38
2.0	4 ⅜	x2 ¼ x1 ⅞		3.80	2.28

AEROVOX Paper Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

AEROVOX "HYVOL"
OIL-IMPREGNATED OIL-FILLED
CAPACITORS
In Round Aluminum Cans

Type 05

Convenient round can, provided with ring mounting. High-voltage pillar terminals. Hermetically sealed in leak-proof containers. Very conservative ratings for continuous operation.

Type 605-600.v D.C.W.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
1	2 x 2¾	$3.80	$2.28
2	2 x 2¾	4.95	2.97
4	2 x 3¾	6.85	4.11

Type 1005-1000v. D.C.W.

1	2 x 3¼	$4.20	$2.52
2	2 x 4¼	5.70	3.42
4	2½ x 4¾	7.25	4.35

Type 1505-1500v. D.C.W.

1	2 x 3¾	$5.30	$3.18
2	2 x 4¾	7.25	4.35
4	2½ x 4¾	9.50	5.70

Type 2005-2000v. D.C.W.

1	2 x 4¾	$6.85	$4.11
2	2 x 5¼	7.60	4.56

Type 2505-2500v. D.C.W.

1	2½ x 4¾	$9.15	$5.49
2	2½ x 5¼	15.00	9.00

Type 3005-3000v. D.C.W.

1	2½ x 4¾	$13.75	$8.25
2	3 x 5¼	16.75	10.05

AEROVOX "HYVOL"
VERTICAL-MOUNTING HIGH-VOLTAGE
CAPACITORS
Type 14

Particularly applicable for use in high-voltage filter circuits such as cathode-ray tube power supplies, high-voltage by-pass circuits in transmitters and high-powered public address equipment. Type 14 units are made in the standard 1⅜" diameter. Grounded can, with one-piece immersion - proof molded - bakelite pillar insulator which provides maximum spacing between live terminal and can. Mounting ring furnished for upright or inverted mounting.

Type 2014-2000v. D.C.W.

Cap. Mfds.	Size-Ins. Dia.-High	List Price	Net Price
.01	1⅜ x 2¼	$6.00	$3.60
.05	1⅜ x 2¼	6.65	3.99
.1	1⅜ x 2¾	7.00	4.20
.25	1⅜ x 3¼	7.60	4.56

Type 3014-3000v. D.C.W.

.01	1⅜ x 2¼	$7.50	$4.50
.05	1⅜ x 2¼	8.00	4.80
.1	1⅜ x 2¾	8.50	5.10
.25	1⅜ x 3¾	9.50	5.70

AEROVOX "HYVOL"
OIL-IMPREGNATED OIL-FILLED
CAPACITORS
In Round Aluminum Cans —Inverted Mounting

Type 10

This is an improved design, replacing the former single terminal type. This new design is physically interchangeable with the old. Ideal for crowded assemblies; a logical choice in filter circuits of power supplies, high-gain high-fidelity amplifiers, and small transmitters. Hermetically-sealed. Has one-piece molded bakelite terminal assembly. Both terminal lugs are insulated from container.

Type 610-600v. D.C.W.

Cap. Mfds.	Size-Ins. Dia.-Hgt.	List Price	Net Price
2	1½ x 3½	$4.15	$2.49
4	1½ x 5¼	5.70	3.42

Type 1010-1000v. D.C.W.

1	1½ x 2⅞	$3.80	$2.28
2	1½ x 4½	4.95	2.97

Type 1510-1500v. D.C.W.

.5	1½ x 2⅞	$4.55	$2.73
1	1½ x 4½	4.95	2.97

AEROVOX "HYVOL"
VERTICAL-MOUNTING HIGH-VOLTAGE
CAPACITORS
OIL-IMPREGNATED OIL-FILLED
Type 12

This is an immersion - proof capacitor designed to meet high - voltage operating requirements. Suitable for such high - voltage circuit applications as in television, cathode-ray tube power supplies, high-voltage rectifiers, or, as a high - voltage by - pass capacitor. Recommended where long leakage path between terminals is required. Barrier in bakelite top increases insulation and creepage path between terminals. For certain applications, the ceramic insulators may be removed if desired. Supplied with adjustable mounting ring for vertical mounting.

Type 2012-2000v. D.C.W.

Cap. Mfds.	Size-Ins. Dia.-Hgt.	List Price	Net Price
1.0	2¼ x 3¾	$7.35	$4.41
2.0	2¼ x 5¼	9.10	5.46

Type 3012-3000v. D.C.W.

.05	2¼ x 2¼	$9.50	$5.70
.1	2¼ x 2¼	10.00	6.00
.25	2¼ x 3¼	11.00	6.60
.5	2¼ x 3¾	12.00	7.20
1.0	2¼ x 5¼	15.25	9.15

Type 4012-4000v. D.C.W.

.05	2¼ x 2¾	$9.00	$5.40
.1	2¼ x 3¾	9.50	5.70
.25	2¼ x 5¾	10.50	6.30

Type 6012-6000v. D.C.W.

.03	2¼ x 2¾	$12.00	$7.20
.05	2¼ x 3¾	13.50	8.10
.1	2¼ x 4¾	16.50	9.90

Type 7512-7500v. D.C.W.

.01	2¼ x 3¼	$12.00	$7.20
.02	2¼ x 3¼	13.00	7.80
.03	2¼ x 3¾	14.00	8.40
.05	2¼ x 4¼	15.50	9.30
.1	2¼ x 4¾	19.00	11.40

AEROVOX "HYVOL"
OIL-IMPREGNATED OIL-FILLED CAPACITORS
In Rectangular Metal Cans

Type 09

Type 09 (Basic)

Type 09MB (Mounting Bracket)

Type 09MS (Strap Mounting)

Hermetically-sealed in sturdy can, leakproof and seepageproof. High tension pillar terminals fitted with locknuts and soldering lugs. Exceptionally compact dimensions for given capacity, working voltage—and safety factor due to use of "Hyvol." Intended for heavy-duty continuous service in transmitters, amplifiers, etc. Type MB bracket is normally supplied as standard equipment, unless otherwise specified, on all units having base sizes other than 3¾" x 3 3/16" and 3¾" x 4 9/16". Type MS is normally supplied as standard with these latter base sizes.

Type 609-600v. D.C.W.

Cap. Mfds.	Size-Ins. L. W. D.	List Price	Net Price
.5	2¼x1 13/16x1 1/16	$4.15	$2.49
1.0	2⅛x1 13/16x1 1/16	5.30	3.18
2.0	2⅞x1 13/16x1 1/16	6.45	3.87
3.0	3⅞x1 13/16x1 1/16	7.60	4.56
4.0	3¼x2½x1 3/16	8.35	5.01
5.0	4⅛x2½x1 3/16	9.50	5.70
6.0	4⅝x2½x1 3/16	10.25	6.15
8.0	3⅞x3¾x1¼	12.15	7.29
10.0	4⅝x3¾x1¼	13.65	8.19
12.0	4¾x3¾x1½	15.20	9.12
15.0	4¾x3¾x1¾	16.80	10.08

Type 1009-1000v. D.C.W.

.1	2 x1 13/16x1 1/16	$3.80	$2.28
.25	2⅛x1 13/16x1 1/16	4.15	2.49
.5	2⅛x1 13/16x1 1/16	4.55	2.73
1.0	2⅛x1 13/16x1 1/16	5.70	3.42
2.0	3⅞x1 13/16x1 1/16	7.60	4.56
3.0	3½x2½x1 3/16	8.60	5.16
4.0	4⅝x2½x1 3/16	9.50	5.70
5.0	3⅞x3¾x1¼	11.40	6.84
6.0	4¾x3¾x1¼	12.55	7.53
8.0	4¾x3¾x1¼	13.65	8.19
10.0	4⅝x3¾x1¾	15.20	9.12
12.0	3⅞x3¾x2¼	16.70	10.02
15.0	4¾x3¾x2½	18.25	10.95

Type 1509-1500v. D.C.W.

.5	2⅞x1 13/16x1 1/16	$6.05	$3.63
1.0	4 x1 13/16x1 1/16	6.85	4.11
2.0	4⅛x2½x1 3/16	9.50	5.70
3.0	4¾x2½x1 3/16	11.40	6.84
4.0	4⅝x3¾x1¼	12.90	7.74
5.0	4¾x3¾x1¾	13.65	8.19
6.0	4¾x3¾x1¾	15.55	9.33
8.0	4¾x3¾x2½	19.00	11.40
10.0	4¾x3¾x3 3/16	22.80	13.68
12.0	4¾x3¾x3 3/16	25.05	15.03
15.0	4¾x3¾x4 9/16	27.35	16.41

Type 2009-2000v. D.C.W.

.1	2 x1 13/16x1 1/16	$6.05	$3.63
.25	2⅛x1 13/16x1 1/16	6.45	3.87
.5	2⅞x1 13/16x1 1/16	6.85	4.11
1.0	3⅝x2½x1 3/16	8.35	5.01
2.0	4 x3¾x1¼	9.90	5.94
3.0	4¾x3¾x1¼	12.15	7.29
4.0	3⅞x3¾x2¼	13.65	8.19
5.0	4¾x3¾x2¼	15.20	9.12
6.0	4⅝x3¾x3 3/16	17.85	10.71
8.0	4⅝x3¾x3 3/16	22.80	13.68
10.0	4¾x3¾x4 9/16	28.10	16.86
12.0	5⅝x3¾x4 9/16	30.40	18.24
15.0	6½x3¾x4 9/16	36.70	22.02

Type 2509-2500v. D.C.W.

Mfds. Cap.	L. W. D. Size-Ins.	Price List	Price Net
.5	3½x2½x1 3/16	$10.65	$6.39
1.0	3¼x3¾x1¾	12.15	7.29
2.0	4⅝x3¾x1¾	19.75	11.85
4.0	4⅝x3¾x3 3/16	27.35	16.41
10.0	6⅜x3¾x4 9/16	68.35	41.01

Type 3009-3000v. D.C.W.

.1	2x2½x1 3/16	$12.90	$7.74
.25	2½x2½x1 3/16	13.65	8.19
.5	3⅞x3½x1 3/16	15.20	9.12
1.0	3⅞x3¾x1¾	18.25	10.95
2.0	4⅛x3¾x3¾	22.80	13.68
4.0	4¾x3¾x4 9/16	33.40	20.04

Type 4009-4000v. D.C.W.

.1	2¾x3¾x2¼	22.80	13.68
.25	2¾x3¾x2¼	24.30	14.58
.5	3⅞x3¾x2¼	27.35	16.41
1.0	5⅛x3¾x2¼	33.40	20.04
2.0	5⅛x3¾x4 9/16	42.55	25.53
4.0	8 x3¾x4 9/16	60.75	36.45

Type 5009-5000v. D.C.W.

.1	2¾x3¾x2¼	24.35	14.61
.25	3⅜x3¾x2¼	27.55	16.53
.5	4¼x3¾x2¼	30.40	18.24
1.0	4⅝x3¾x4 9/16	38.00	22.80
2.0	6 x3¾x4 9/16	48.60	29.16

Type 6009-6000v. D.C.W.

.1	3⅜x3¾x2¼	30.40	18.24
.25	4⅝x3¾x2¼	38.00	22.80
.5	4⅝x3¾x4 9/16	43.05	25.83
1.0	8 x3¾x4 9/16	75.95	45.57

Type 7509-7500v. D.C.W.

.1	3⅞x3¾x2¼	43.05	25.83
.25	5⅛x3¾x2½	45.55	27.33
.5	5⅛x3¾x4 9/16	49.35	29.61

AEROVOX Paper Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

HIGH-VOLTAGE TRANSMITTER TYPE D.C. CAPACITORS

Type 20

6,000v. D.C. Work. to 50,000v. D.C. Work.

These capacitors meet the exacting requirements of radio transmitter service and other applications requiring high-voltage, heavy-duty, transmitter-type oil capacitors. Available in ratings from 6000 volts to 50,000 volts D.C. working. These are single-section or parallel-section capacitors. Type 20 units are critically checked to close standards of physical and electrical perfection. Capacitor sections consist of multi-layered capacitor tissues and high-purity aluminum foil, uniformly and accurately wound under critically-controlled tension, then vacuum-impregnated with Aerovox Hyvol to insure stability of full-rated capacitance, even at zero temperatures. Welded steel containers finished in non-corrosive, dark grey lacquer. Heavy-duty porcelain insulator assembly is cork-gasketed and pressure sealed to prevent leakage of oil or entrance of moisture at the terminals. Single-section units rated at 30 KV or less are normally supplied with capacitor section insulated from ground. Additional information on Type 20 units rated at 37,500 volts and 50,000 volts, as well as voltage-doubler units rated at 25,000 volts output is available on application.

All Type 20 units are built to special order—not carried in stock. Submit full application information when ordering.

Type 6020—6000v. D.C.W.

Cap. Mfds.	Case Size-Ins. H x W x D	List Price	Net Price
2.0	11x 8x4	$136.00	$ 82.00
4.0	11x12x4	167.00	100.00
5.0	11x12x4	189.00	113.00
6.0	13x12x4	212.00	127.00
10.0	13x12x6	265.00	159.00

Type 7520—7500v. D.C.W.

0.5	11x 8x4	$ 75.00	$ 45.00
1.0	11x 8x4	98.00	59.00
2.0	11x 8x4	151.00	91.00
4.0	13x12x4	227.00	136.00
6.0	13x12x6	273.00	164.00

Type 10020—10,000v. D.C.W.

1.0	11x 8x4	$197.00	$118.00
2.0	11x12x4	250.00	150.00
4.0	13x12x6	303.00	182.00
5.0	13x12x6	334.00	200.00

Type 12520—12,500v. D.C.W.

0.5	11x 8x4	$167.00	$100.00
1.0	11x12x4	212.00	127.00
2.0	13x12x6	265.00	159.00
5.0	15x12x9½	501.00	300.00

Type 15020—15,000v. D.C.W.

Cap. Mfds.	Case Size-Ins. H x W x D	List Price	Net Price
0.25	11x 8x4	$159.00	$ 95.00
0.5	11x12x4	189.00	113.00
1.0	13x12x4	265.00	159.00
2.0	15x12x9½	349.00	209.00
3.0	15x12x9½	478.00	287.00

Type 20020—20,000v. D.C.W.

0.25	11x 8x4	$189.00	$113.00
0.5	11x12x4	243.00	145.00
1.0	13x12x6	326.00	195.00
1.5	15x12x9½	440.00	264.00
2.0	15x12x9½	524.00	314.00
4.0	15x14x16	919.00	551.00

Type 25020—25,000v. D.C.W.

0.2	11x12x4	$197.00	$118.00
0.25	11x12x4	265.00	159.00
0.5	13x12x6	288.00	173.00
1.0	15x12x9½	432.00	259.00

Type 37520—37,500v. D.C.W.
(Information supplied on application.)

Type 50020—50,000v. D.C.W.
(Information supplied on application.)

Type 12520 VD
25,000 Volts Output (12,500—12,500 Volts)—Dual Units
(Information supplied on application.)

COMPACT HERMETICALLY-SEALED OIL-IMPREGNATED, OIL-FILLED "HYVOL" CAPACITORS

Type 16T

(Terminals on Top)

Compact, oil-filled, hermetically-sealed units for use where least space and minimum weight are essential. Corrosion-proof metal container. Special immersion-proof terminals designed for equipment subjected to severe atmospheric and climatic conditions. Suitable for by-pass and filter applications in receivers and low-power transmitters.

Type 416T
400v. D.C. Working

Cap. Mfds.	H x W x D	List Price	Net Price
.01	1⅛x1 5/16x1 1/16	$2.60	$1.56
.05	1 7/16x1 5/16x1 1/16	2.65	1.59
.1	1 7/16x1 5/16x1 1/16	2.85	1.71
.25	1 11/16x1 5/16x1 1/16	2.90	1.74
.5	1 15/16x1 5/16x1 1/16	2.95	1.77
1.0	2 1/16x1 5/16x1 1/16	3.30	1.98

Type 616T
600v. D.C. Working

.01	1⅛x1 5/16x1 1/16	$2.65	$1.59
.05	1 7/16x1 5/16x1 1/16	2.80	1.68
.1	1 7/16x1 5/16x1 1/16	2.90	1.74
.25	1 11/16x1 5/16x1 1/16	2.95	1.77
.5	2 1/16x1 5/16x1 1/16	3.05	1.83
1.0	2 9/16x1 5/16x1 1/16	3.40	2.04

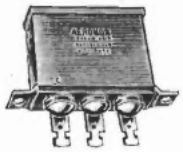
Type 1016T
1000v. D.C. Working

.01	1¼x1 5/16x1 1/16	$2.80	$1.68
.05	1 7/16x1 5/16x1 1/16	2.85	1.71
.1	1 7/16x1 5/16x1 1/16	2.95	1.77
.25	1 11/16x1 5/16x1 1/16	3.05	1.86
.5	2 1/16x1 5/16x1 1/16	3.30	1.98

COMPACT HERMETICALLY-SEALED OIL-IMPREGNATED, OIL-FILLED "HYVOL" CAPACITORS

Type 18B

(Terminals on Bottom)



Compact, oil-filled, hermetically-sealed units. Type 18 is smaller in height and depth than Type 16. However, greater width makes Type 18 adaptable for applications where small-sized dual- and triple-section capacitors with three terminals are required. Otherwise, similar to Type 16 with respect to construction and application.

Type 418B
400v. D.C. Working
Single Section Units

Cap. Mfds.	H x W x D	List Price	Net Price
.05	1 x1¾x 9/16	$2.85	$1.71
.1	1 x1¾x 9/16	2.95	1.77
.25	1½x1¾x 9/16	3.05	1.83
.5	1 13/16x1¾x 9/16	3.15	1.89
1.0	2 x1¾x 9/16	3.50	2.10

Dual-Section Units

.05-.05	1 x1¾x 9/16	$3.65	$2.19
.1-.1	1¼x1¾x 9/16	3.75	2.25
.25-.25	1 13/16x1¾x 9/16	3.90	2.34
.5-.5	2 x1¾x 9/16	4.25	2.55

Triple-Section Units

.05-.05-.05	1 x1¾x 9/16	$4.50	$2.70
.1-.1-.1	1½x1¾x 9/16	4.80	2.88
.25-.25-.25	2 x1¾x 9/16	5.20	3.12

Type 618B
600v. D.C. Working
Single Section Units

.05	1 x1¾x 9/16	$2.90	$1.74
.1	1 x1¾x 9/16	3.05	1.83
.25	1½x1¾x 9/16	3.15	1.89
.5	1 13/16x1¾x 9/16	3.35	2.01
1.0	2½x1¾x 9/16	3.65	2.19

Dual-Section Units

.05-.05	1 x1¾x 9/16	$3.80	$2.28
.1-.1	1½x1¾x 9/16	3.90	2.34
.25-.25	1 13/16x1¾x 9/16	4.15	2.49
.5-.5	2¾x1¾x 9/16	4.50	2.70

Triple-Section Units

.05-.05-.05	1⅜x1¾x 9/16	$4.55	$2.73
.1-.1-.1	1⅝x1¾x 9/16	4.95	2.97
.25-.25-.25	1 13/16x1¾x 9/16	5.30	3.18

Type 1018B
1000v. D.C. Working
Single Section Units

.05	1 x1¾x 9/16	$3.05	$1.83
.1	1 x1¾x 9/16	3.15	1.89
.25	1¾x1¾x 9/16	3.30	1.98
.5	1 13/16x1¾x 9/16	3.50	2.10

Dual-Section Units

.05-.05	1⅜x1¾x 9/16	$4.15	$2.49
.1-.1	1½x1¾x 9/16	4.45	2.67
.25-.25	1 13/16x1¾x 9/16	4.55	2.73

Triple-Section Units

.05-.05-.05	1⅜x1¾x 9/16	$4.95	$2.97
.1-.1-.1	2⅞x1¾x 9/16	5.30	3.18

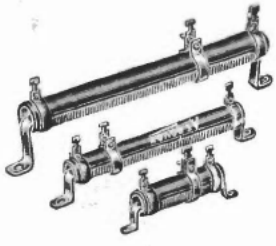
CUSTOM-BUILT PAPER CAPACITORS TO MEET YOUR SPECIAL NEEDS —

If your paper capacitor needs are most unusual, AEROVOX will work with you in designing and producing special types. With many basic types to draw upon—a wide choice of containers, terminals, mountings, sizes, etc.—we can quickly and economically produce out-of-the-ordinary capacitors to meet those extraordinary requirements. Address your inquiry to Aerovox Engineering Department, New Bedford, Mass.

AEROVOX Vitreous-Enameled and Carbon RESISTORS

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

"SLIDEOHM" Wire-Wound Vitreous-Enameled ADJUSTABLE RESISTORS



Adjustable resistors combining adjustment to any resistance value within unit's range, with positive, permanent, non-fluctuating qualities of wire-wound resistor. Each Slideohm Resistor is provided with horizontal mounting brackets and one adjustable contact slider.

Type 952—25 Watts
Size ⅝ x 2 inches

Ranges		List	Net
1-5000	each	$1.24	$0.74
6000-10,000		1.43	.85

Extra Slider Bands-13c ea., Net 7c

Type 954—50 Watts
Size ¾ x 4½ inches

Ranges		List	Net
5-5000	each	$1.95	$1.17
6000-25,000		2.15	1.29
30,000-50,000		2.47	1.48

Extra Slider Bands-13c ea., Net 7c

Type 956—75 Watts
Size ¾ x 6½ inches

5-5000	each	$2.54	$1.52
6000-25,000		2.86	1.71
30,000-50,000		3.25	1.95
60,000-70,000		3.58	2.14

Extra Slider Bands-20c ea., Net 12c

Type 957—100 Watts
Size 1⅛ x 6½ inches

5-5000	each	$2.86	$1.71
6000-25,000		3.25	1.95
30,000-50,000		3.58	2.14
60,000-75,000		3.90	2.34

Extra Slider Bands-20c ea., Net 12c

Type 958—200 Watts
Size 1⅛ x 10½ inches

5-10,000	each	$4.29	$2.57
15,000-100,000		5.01	3.00
125,000-150,000		5.33	3.19

Extra Slider Bands-20c ea., Net 12c

Type Resis. Ohms	952 25 Watts Cur. M.A.	954 50 Watts Cur. M.A.	956 75 Watts Cur. M.A.	957 100 Watts Cur. M.A.	958 200 Watts Cur. M.A.
1	5000				
3	2880				
5	2230	3160	3870	4470	6320
10	1580	2240	2740	3160	4470
15	1290		2240	2580	
20	1115				
25	1000	1410	1730	2000	2825
50	710	1000	1220	1410	2000
75	580	815	1000	1150	
100	500	705	865	1000	1400
150	410	575			
200	355	500	610		
250	315	445	550	680	900
300	290	405	500		
400	250	350	430		
500	225	315	385	445	630
750	180	260	315	365	
800		250	305		
850	170				
1000	160	225	275	315	450
1250	140	200	245		
1500	130	180	225	260	365
2000	110	160	195	225	315
2250	105	150			
2500	100	140	173	200	280
3000	90	130	158	180	260
3500	85	120	146	170	240
4000	80	110	137	160	225
4500	74	105	129	150	210
5000	70	100	122	140	200
6000	65	91	111	130	
7000	57	85	103		
7500	53		100	115	165
8000	50	79	97	110	
8500	47				
9000	44	75	91		
10,000	40	71	87	100	140
12,000		64			
15,000		58	71	80	115
20,000		48	61	70	100
25,000		40	55	69	90
30,000		33	50	50	82
35,000			43	43	71
40,000		25	37	37	62
50,000		20	30	30	50
60,000			25	25	42
70,000			21	21	
75,000				20	33
100,000					25
125,000					20
150,000					16

"PYROHM JUNIOR" Wire-Wound Vitreous-Enameled FIXED RESISTORS

Types 931 and 933

Compact, genuine wire-wound units. Covered with vitreous-enamel. Highest quality materials used throughout. Correctly designed. Note these features:

1. Crack-proof refractory tubing for the support. Adequate heat dissipation.

2. Quality resistance wire precisely space wound under tension.

3. Copper terminal band clamped to tubing. Wire ends wrapped about raised ear and brazed to same.

4. Heavy vitreous-enamel coating for permanent seal against moisture, oxidation and mechanical damage.

5. Pig-tail of stiff wire 2 in. long soldered to terminal band for positive, non-breakable connection.

Type 931—10 Watts
Size—Ins. 5/16 x 1¾

Ranges	List	Net
1-10,000	$0.59	$0.35
12,000-50,000	.65	.39

30,000 to 50,000 ohms, rated at 5 watts.

Stock Resistance Ranges

1	200	1750	12,000
2	250	2000	12,500
3	300	2500	13,500
4	350	2750	14,300
5	400	3000	15,000
7.5	450	3500	16,000
10	500	4000	17,500
12	600	4500	18,000
15	650	5000	20,000
20	700	5500	22,500
25	750	6000	25,000
30	800	7000	30,000
35	850	7500	35,000
40	900	8000	40,000
50	1000	8500	45,000
75	1100	9000	50,000
100	1200	10,000	
125	1250		
150	1400		
175	1500		

Type 933—20 Watts
Size—Ins. 9/16 x 2

Ranges	List	Net
1-15,000	$0.91	$0.59
20,000-50,000	1.11	.66
55,000-100,000	1.43	.85

25,000-100,000 ohms rated at 7 watts.

Stock Resistance Ranges

1	650	3000	35,000
3	700	3500	40,000
5	750	4000	45,000
10	800	4500	50,000
15	850	5000	55,000
25	1000	6000	60,000
50	1200	7000	65,000
75	1250	7500	70,000
100	1500	8000	75,000
150	1750	10,000	80,000
175	1850	12,500	85,000
200	2000	13,000	90,000
250	2250	15,000	95,000
300	2400	20,000	100,000
350	2500	25,000	
400	2750	30,000	
500			

INSULATED MOLDED CARBON RESISTORS

Types 1097 and 1098

Small, noiseless, vibration-proof. Crack-proof molded casing around molded carbon resistance element. Tinned copper pig-tail leads 2 in. long. Resists humidity effects. Ideal for AVC circuits, high-gain amplifiers. RMA color - coded; stamped with resistance value. Precision tested. Standard tolerance 10%. These types may come thru for some time in slightly larger sizes until complete changeover is achieved.

Types	Rating Watt	Size Ins.	List ea.	Net ea.
1098	1	1¼ x ⅝	$.17	$.10
1097	½	5/32 x ⅜	.13	.08

Stock Resistance Ranges—Ohms

10	750	11000	150000
15	800	12000	175000
20	900	12500	200000
25	1000	13000	250000
30	1250	14000	300000
40	1500	15000	400000
50	1750	17500	500000
60	2000	20000	600000
75	2250	22500	750000
100	2500	25000	1 Meg.
120	3000	30000	1½ Meg.
150	3500	35000	2 Meg.
200	4000	40000	2½ Meg.
250	5000	50000	3 Meg.
300	6000	60000	4 Meg.
350	7000	65000	5 Meg.
400	7500	70000	6 Meg.
450	8000	75000	7 Meg.
500	9000	100000	10 Meg.
600	10000	125000	20 Meg.

TEST INSTRUMENTS

Model No. 76
$44.75
Net, Each

AEROVOX CAPACITANCE AND RESISTANCE BRIDGE

AEROVOX MODEL 76 Resistance Capacitance Bridge is the new postwar general-utility instrument combining simplicity of operation, remarkable degree of accuracy, and modest price. Extreme ruggedness makes it equally suitable out on the job, in the shop, or in the laboratory.

Sloping panel 10" x 6". Aluminum, etched and anodized. Steel cabinet, black crackle finish. All readings taken from main 4" dial. Same calibrated scale eliminates trouble and chances for errors in reading. Linear scale, also an exclusive feature, means no crowding at high end to make readings difficult and inaccurate. Both the resistance and the capacitance readings are covered by six overlapping ranges, as aginst two or three in usual service instruments, for maximum sensitivity and accuracy. Positive "magic eye" indicator.

Here is what Model 76 Bridge does: (1) Measures capacitance from 100 mmf. to 200 mfd. in six ranges. (2) Measures resistance from 10 ohms to 20 megohms in six ranges. (3) Measures power factor from 0 to 50%. (4) Provides D.S. polarizing potential for leakage measurements, from 0 to 600 V. D.C., continuously variable and calibrated in volts. (5) Checks leakage or insulation resistance.

Instrument is provided with shockproof, color-coded test leads fitted with banana plugs for panel jacks, and with clips. Instructions. Measures 10" x 7¾" x 8¼". Weight 8 lbs. 3 oz.

AEROVOX L-C CHECKER

★ This exclusive Aerovox development has no counterpart, much less an equal. Basically, it determines the effectiveness of any capacitance or inductance while actually connected in its circuit. Testing efficiency is greatly increased. Components may be tested singly or in combinations whereby to determine resonant frequency and effectiveness of given circuits. Circuit or systems may be adjusted by this checking means for proper operating efficiency. Certainly a "must" instrument for the radio worker.

HERE'S A PARTIAL LISTING OF WHAT THE AEROVOX L-C CHECKER DOES:

It checks capacitance of capacitors at radio frequencies without removing them from circuit. • It checks alignment of r.f. circuits; also tracking of super-het. oscillator. • It checks alignment of broad and narrow band i.f. amplifiers. • It checks the tuning of wave traps and of image-rejection circuits; frequency ranges of receivers; frequency ranges of signal generators; calibration of wave meter. • Identifies harmonics of frequency standard in precision frequency calibration of radio equipment. • It checks natural resonant points of r.f. chokes making sure they are beyond operating range. • It traces resonant absorption trouble in "all-wave" receiver circuits—locating dead spots, etc. • It locates resonant points in shorted windings (unused coils) in multi-range oscillators, etc. • Locates resonant frequency of r.f. coupling chokes, making certain of placement to secure enough gain balance over tuning range of r.f. stage • It checks natural period of antennae and transmission lines in order to have resonant peaks at certain frequencies. • It checks quartz crystals for frequency, false frequency, operation at harmonics, and for activity. • Checks FM i.f. transformers. • Checks alignment of FM i.f. channels. • Checks leakage of paper capacitors. And it checks many other functions when used with auxiliary equipment. This checker operates from AC or from DC 120 volts source. It has a frequency range from 100 KC to 44 MC as follows:

Model No. 96
$44.75
Net, Each

Range:	A	75 — 225 KC		D	1.5 — 5 MC
	B	200 — 600 KC		E	4.5 — 14.5 MC
	C	550 — 1650 KC		F	13 — 44 MC

Capacitance Range: .00025 mfds. — 1 mfd.

Inductance Range: 0 — 500 MH

Tube Complement: 6J5G, 25Z5, 6E5, VR105

Accuracy: Capacitance and Inductance ± 10%

Frequency Ranges A, B, C: ± 1%

Other Ranges: ± 2.5%

Dimensions: 10½ x 7½ x 5½

This new model L-C Checker has provisions for determining the insulation resistance of capacitors in addition to the measurements described in bulletin 995A.

Weight: (shipping) 6 lbs.

AEROVOX Special-duty Capacitors

IF IT'S MARKED "AEROVOX" IT'S A QUALITY CAPACITOR

P. S.

● This is a postscript. This page contains several new Aerovox products recently introduced and not as yet cataloged. These special-duty capacitors are of particular interest to advanced radio workers, builders of special equipment, experimenters and engineers.

Other new products are being announced from time to time. Aerovox engineering is keeping abreast of the rapid advances of the radio-electronic art. Therefore, if you do not see what you need in these pages, tell us about your unusual needs. Aerovox either has a type already developed and in production, or will consider an entirely new type if warranted by the anticipated demand.

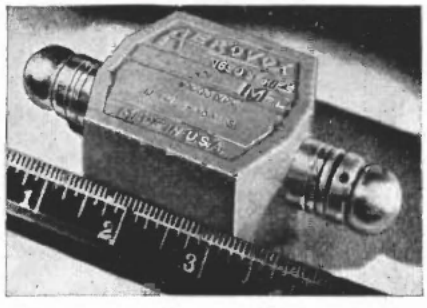
LOW-INDUCTANCE MICA CAPACITOR

AEROVOX SERIES 1690 is a molded-in-bakelite mica capacitor designed for exceptionally low loss operation at ultra high frequencies. External evidence of its efficiency is offered by the rounded hardware—round nuts, round washers and spherical lock nuts eliminating sharp edges and corners that cause corona losses. The use of fine threads for the terminal studs insures maximum contact and minimum r.f. resistance. Silver plating of all conducting members minimizes skin resistance. The body is of XM or yellow low-loss bakelite. Internally, the mica stack is designed for a straight-line path for high frequencies.

This type is several times larger than the conventional molded-in-bakelite transmitting micas. Body dimensions are 2⅜" wide x 2-3/16" deep x 1⅜" high, and 4¾" overall between rounded terminal tips.

Units are available in ratings up to 20,000 volts D.C. Test or 10,000 volts operating, and in capacitance values up to .001 mfd. at the highest voltage rating.

This type has been developed specifically for lower r.f. resistance and impedance, thereby providing increased KVA ratings for given size. Such units can be advantageously applied as blocking capacitors in transmission lines, as tank capacitors for high-frequency oscillators, as by-pass capacitors for ultra-high-frequency energy, and as coupling or by-pass capacitors in induction-heating circuits.



WATER-COOLED MICA CAPACITOR

AEROVOX SERIES 1780 water-cooled mica capacitor is available for extra-heavy duty service such as high-power transmitters and induction furnaces. The water-cooling feature boosts the KVA rating by a factor of five or more, or conversely, greatly reduces the bulk for given rating.

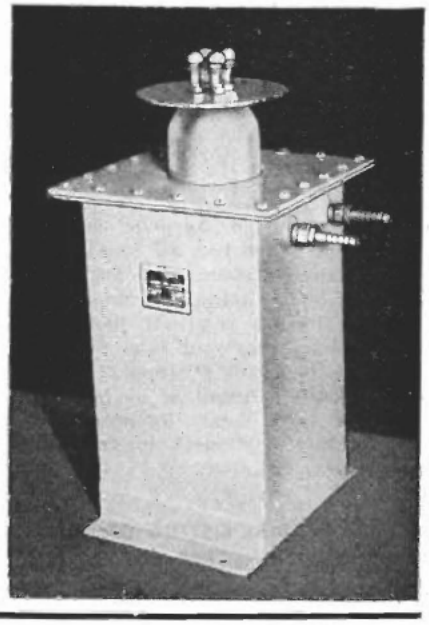
The higher KVA ratings are obtained in two ways: First, by exceptional design such as critical arrangement and location of mica sections; critical selection of materials; specially-plated parts; large cross-section of conductors; attention to details. Second, by the use of a water-cooling system so designed as to provide maximum heat transfer from capacitor to cooling coils.

The mica stacks are in an oil bath. Cooling coils in the oil bath provide for the efficient transfer of heat. What this cooling system means may be judged from the fact that a unit handling 200 KVA for air-cooled operations steps up to 1000 KVA with water-cooling.

The series-parallel mica stack is designed for uniform current distribution throughout. There is a large factor of safety. Silver-plated hardware minimizes skin resistance. Terminals are furnished with large radii of curvature to minimize and even eliminate corona. The steatite insulator is shaped to hold gradients below corona limits.

Heavy non-ferrous welded metal case, hermetically-sealed and grounded. Side-mounted nipples for connecting water-cooling hose. Sturdy mounting flanges. Provisions for making connections with high-current-capacity conductors. Four-stud terminal for low-loss connections.

Available in ratings up to 25,000 volts A.C. Test, and in capacitances up to .01 mfd.



ULTRA-HIGH-FREQUENCY CAPACITORS

AEROVOX SERIES 1860 and 1865 are engineered and especially recommended for use in ultra-high-frequency radio equipment such as television and FM transmitter, as well as other miscellaneous applications in the u.h.f. field. In such applications they are readily adaptable for use as fixed-tuning capacitors, by-pass, blocking, coupling, neutralizing and antenna-series capacitors.

Losses are extremely low, due to the highly refined sulphur dielectric. Corona losses are avoided by the unique construction design, the grounded case and the terminal on each type.

Series 1860 (not illustrated) is the smaller unit in an aluminum can, intended more for the radio amateur and experimenter, and for low-cost assemblies. It has a suitably plated brass terminal mounted on a mica insulating plate. Available in four types: .0001 mfd., 10,000 v..; .000025 mfd., 10,000 v.; .00005, 5000 v.; .00005, 10,000 v. Voltage is Peak Working Volts.

Series 1865 (illustrated) is the larger unit, in a cast aluminum case with steatite insulator supporting the higher-voltage terminal. Available in capacitances from .00002 to .000125 mfd., at 10,000 v.