

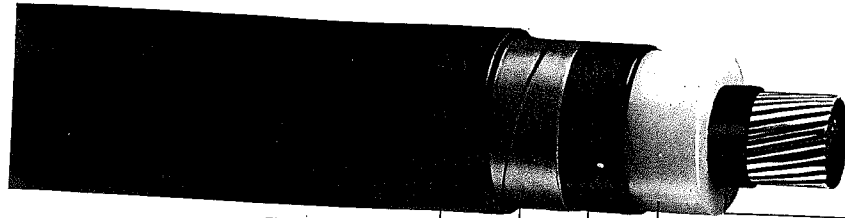


EPROTENAX® (EPR) OR VOLTALENE™ (XLP) INSULATION
TYPE MV-90 1/C Copper, Shielded, PVC Jacket Overall
 5KV to 15KV, 133% and 100% Insulation Levels

MAC, INC. ★

650-067
 Reviewed
 133.0

Date 7/8 By [Signature]



PVC Jacket
 Copper Wire or Copper Tape Shield
 Semiconducting Conductor Shield
 EPR or XLP Insulation
 Semiconducting Insulation Shield

STANDARDS:

IEC CS6 or AIEC CS5.
 ICEA S-68-516/NEMA WC-8 or ICEA S-66-524/NEMA WC-7
 UL-1072

For 90°C continuous, 130°C emergency and 250°C short circuit operation

QUALIFICATIONS:

Primary and feeder circuits in industrial plants, commercial/office buildings, or similar facilities and for power circuits in generating stations. May be used in wet or dry locations installed in conduit, direct buried, duct, open air or aerially with messenger in cable tray per ICEA. Optionally UL rated for cable tray (CT) use.

RECEIVED

JUL 17 '96

BOTHMAN & BOTHMAN
 HEIDENSOHN

Conductor		EPR					XLP			
Size AWG or (kcmil)	Stranding No. of Wires	Jacket Thickness (Mils)	Insulation Thickness (Mils)	Insulation O.D. (Inches)	Approx. Overall Dia. (Inches)	Approx. Net Weight (Lbs./1000 Ft.)	Insulation Thickness (Mils)	Insulation O.D. (Inches)	Approx. Overall Dia. (Inches)	Approx. Net Weight (Lbs./1000 Ft.)
4	7	60	115	0.50	.72	360	90	0.45	.71	310
2	7	60	115	0.56	.78	470	90	0.51	.77	403
1	19	60	115	0.60	.82	540	90	0.55	.81	480
1/0	19	80	115	0.64	.90	630	90	0.59	.85	545
2/0	19	80	115	0.69	.95	770	90	0.64	.89	684
3/0	19	80	115	0.74	1.00	900	90	0.69	.98	810
4/0	19	80	115	0.79	1.05	1070	90	0.74	1.04	975
250	37	80	115	0.85	1.11	1220	90	0.80	1.10	1110
350	37	80	115	0.95	1.21	1590	90	0.90	1.20	1457
500	37	80	115	1.08	1.36	2150	90	1.03	1.34	1999
750	61	80	115	1.27	1.55	3050	90	1.22	1.53	2830
1000	61	80	115	1.42	1.69	3930	90	1.37	1.70	3690
2	7	80	175	0.68	.94	600	175	0.68	.98	530
1	19	80	175	0.72	.98	670	175	0.72	1.02	620
1/0	19	80	175	0.76	1.02	770	175	0.76	1.06	710
2/0	19	80	175	0.81	1.07	980	175	0.81	1.11	790
3/0	19	80	175	0.86	1.12	1020	175	0.86	1.16	960
4/0	19	80	175	0.91	1.17	1190	175	0.91	1.21	1090
250	37	80	175	0.97	1.23	1350	175	0.97	1.27	1260
350	37	80	175	1.07	1.35	1750	175	1.07	1.39	1600
500	37	80	175	1.20	1.48	2310	175	1.20	1.53	2130
750	61	80	175	1.39	1.67	3130	175	1.39	1.67	3120
1000	61	110	175	1.54	1.91	4250	175	1.54	1.96	4100
2	7	80	220	0.77	1.03	670	220	0.77	1.07	590
1	19	80	220	0.81	1.07	750	220	0.81	1.11	670
1/0	19	80	220	0.85	1.11	850	220	0.85	1.15	760
2/0	19	80	220	0.90	1.16	970	220	0.90	1.20	870
3/0	19	80	220	0.95	1.21	1110	220	0.95	1.25	1010
4/0	19	80	220	1.00	1.26	1290	220	1.00	1.30	1160
250	37	80	220	1.06	1.34	1470	220	1.06	1.38	1350
350	37	80	220	1.16	1.44	1860	220	1.16	1.49	1690
500	37	80	220	1.29	1.57	2430	220	1.29	1.62	2220
750	61	110	220	1.48	1.82	3460	220	1.48	1.87	3300
1000	61	110	220	1.63	2.00	4400	220	1.63	2.04	4230