

MEDIUM VOLTAGE POWER CABLE

THREE CONDUCTOR XLP POWER CABLE - 5000 VOLT MV-90
UNSHIELDED OR SHIELDED 100% AND 133% INSULATION LEVEL

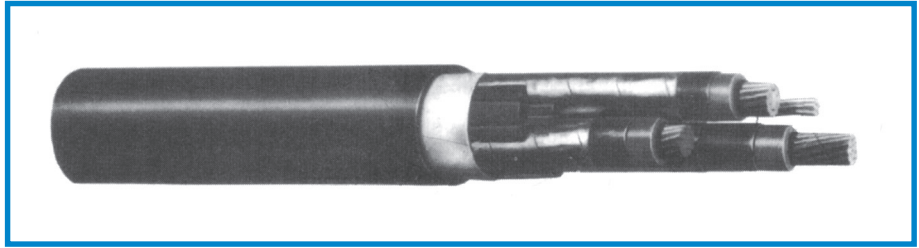
Construction

Description:

- Unshielded: Class B stranded copper, extruded conductor shield, insulated with heat and moisture resistant crosslinked polyethylene (type XLP).
- Shielded: Class B stranded copper, extruded conductor shield, heat and moisture resistant crosslinked polyethylene (100% and 133% insulation level), semi-conducting insulation shield, copper shield, overall PVC jacket.
- 3 conductors, phase identified, (Color coded tape (Black, Red and Blue) applied under the metallic shielding tape) and cabled together with fillers and bare copper ground conductor(s). Cable core covered with binder tape and overall flame and sunlight resistant black PVC jacket. Surface printed. Jacket available in colors on special order.

Standards:

- UL 1072.
- Sunlight Resistant.
- Direct Burial.
- Color Code K-2.
- Conductors rated at 90°C.
- Per ICEA S-66-524/NEMA WC-7.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOMINAL THICKNESS (INCHES)		COPPER GROUNDING	PVC/JACKET THICKNESS	NOMINAL O.D.	CURRENT (AMPS)	NOMINAL WEIGHT
	AWG/MCM		COND. INSUL.	COND. JACKET	AWG	INCHES	INCHES	40°C ¹	LBS/MFT
THREE CONDUCTOR WITH GROUNDING CONDUCTOR - UNSHIELDED									
13140	8	7	0.110	—	8	0.080	1.000	52	610
13141	6	7	0.110	—	6	0.080	1.060	69	771
13142	4	7	0.110	—	6	0.080	1.170	91	979
13143	2	7	0.110	—	6	0.080	1.300	125	1277
13144	1	19	0.110	—	6	0.080	1.400	140	1532
13145	1/0	19	0.110	—	4	0.080	1.490	165	1787
13146	2/0	19	0.110	—	4	0.080	1.580	190	2092
13147	3/0	19	0.110	—	3	0.110	1.730	220	2591
13148	4/0	19	0.110	—	3	0.110	1.880	255	3090
13149	250	37	0.120	—	3	0.110	2.000	280	3640
13150	350	37	0.120	—	2	0.110	2.240	350	4762
13151	500	37	0.120	—	1	0.110	2.480	425	6397
13152	750	61	0.130	—	1/0	0.140	3.010	525	9079
THREE CONDUCTOR WITH GROUNDING CONDUCTOR - SHIELDED									
13160	8	7	0.090	0.060	8	0.080	1.360	52	1006
13161	6	7	0.090	0.060	6	0.080	1.450	69	1141
13162	4	7	0.090	0.060	6	0.110	1.620	91	1423
13163	2	7	0.090	0.060	6	0.110	1.750	125	1865
13164	1	19	0.090	0.060	4	0.110	1.880	140	2129
13165	1/0	19	0.090	0.060	4	0.110	1.960	165	2405
13166	2/0	19	0.090	0.080	4	0.110	2.090	190	2868
13167	3/0	19	0.090	0.080	3	0.110	2.210	220	3358
13168	4/0	19	0.090	0.080	3	0.110	2.330	255	3848
13169	250	37	0.090	0.080	3	0.110	2.480	280	4418
13170	350	37	0.090	0.080	2	0.140	2.690	350	5592
13171	500	37	0.090	0.080	1	0.140	2.970	425	7338
13172	750	61	0.090	0.080	1/0	0.140	3.400	525	10074

NOTE: Also available with EPR Insulation - consult factory for details.

(1) Per NEC Table 31 0-71. Based on one three-conductor cable.

Custom Cable Corp.



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