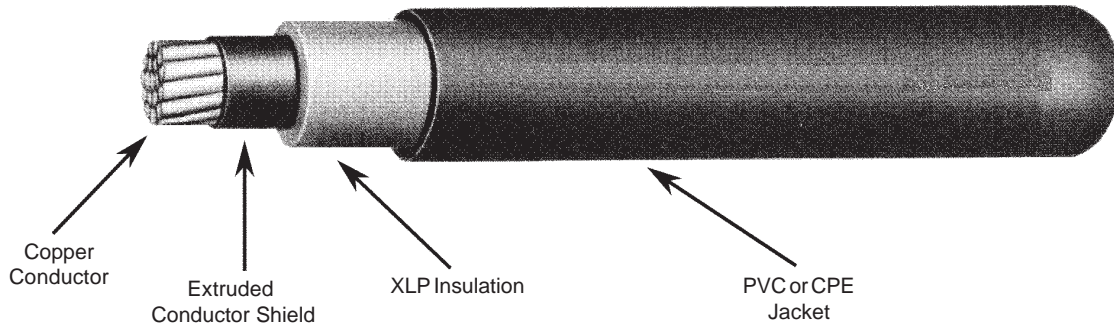


**XLP POWER CABLE, NON-SHIELDED, 2400V (5000V+)
TYPE MV-90, DRY, PVC or CPE JACKET OVERALL**

SPEC 2-11-2
Ver. 7.0
Revised: 06/02/06



90°C CONDUCTOR TEMPERATURE, DRY, 100% INSULATION LEVEL

Conductor			Insulation in Mils	Jacket in Mils	Approximate O.D. in Inches	Ampacity** 40°C Ambient	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands	Nominal O.D.					

SINGLE CONDUCTOR 2400 VOLT NON-SHIELDED

8*	7	0.14	90	30	0.43	55	115
6*	7	0.18	90	30	0.45	75	150
4*	7	0.23	90	45	0.53	97	230
2	7	0.27	90	45	0.60	130	320
1*	19	0.32	90	45	0.63	155	380
1/0	19	0.34	90	45	0.66	180	455
2/0	19	0.38	90	45	0.71	205	555
3/0	19	0.42	90	65	0.80	240	710
4/0	19	0.48	90	65	0.85	280	860
250	37	0.52	90	65	0.90	315	1000
350	37	0.62	90	65	1.01	385	1340
500	37	0.74	90	65	1.14	475	1845
750	61	0.91	90	65	1.32	600	2680
1000*	61	1.12	90	65	1.53	690	3500

Note: **Based on three single conductor cables in isolated conduit in air per NEC.

*Compressed conductors.

*ICEA and UL voltage class.

The above data is approximate and subject to normal manufacturing tolerances.

STANDARDS AND RATINGS:

1. Listed by UL as Type MV-90 per Standard 1072.
2. Conforms to ICEA S-96-659/NEMA WC71 Nonshielded 2001V - 5KV Cables.
3. Listed by UL For CT Use (CPE jacketed sizes 500KCMIL and larger).

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