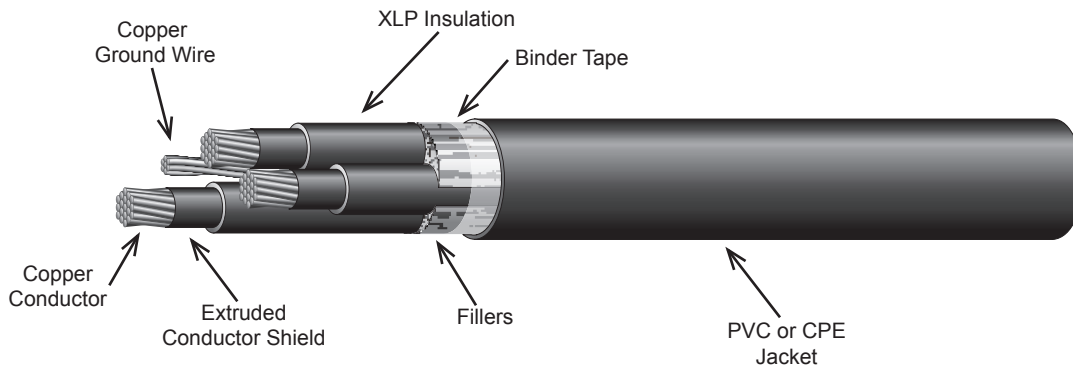


**XLP POWER CABLE, NON-SHIELED, 2400V (5000V*)
TYPE MV-90, WET OR DRY**

SPEC 2-21-2

Ver. 7.2
Revised: 01/25/11



90°C CONDUCTOR TEMPERATURE, 100% OR 133% INSULATION LEVEL								
Conductor			Insulation in Mils	Overall Jacket in Mils	Size AWG Copper Ground Wire	Approximate O.D. in Inches	Ampacity** 40°C Ambient	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands	Nominal O.D.						
THREE CONDUCTOR 2400 VOLT, NON-SHIELED								
8*	7	0.14	90	80	8	1.00	59	495
6*	7	0.18	90	80	6	1.06	79	655
4*	7	0.23	90	80	6	1.16	105	850
2	7	0.27	90	80	6	1.25	140	1135
1*	19	0.32	90	80	4	1.37	160	1410
1/0	19	0.34	90	80	4	1.40	185	1635
2/0	19	0.38	90	80	4	1.49	215	1945
3/0	19	0.42	90	80	3	1.59	250	2370
4/0	19	0.48	90	110	3	1.77	285	2945
250	37	0.52	90	110	2	1.89	320	3460
350	37	0.62	90	110	2	2.10	395	4555
500	37	0.74	90	110	1	2.36	485	6235
750	61	0.91	90	140	1/0	2.83	615	9195
1000*	61	1.12	90	140	2/0	3.27	705	12065

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

*Compressed conductors.

*ICEA 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 as Sunlight Resistant.

