

**XLP POWER CABLE, NON-SHIELDED, 2400V (5000V\*)  
TYPE MV-90, DRY**

**SPEC 2-11-1**

Ver. 7.2  
Revised: 01/25/11



90°C CONDUCTOR TEMPERATURE, DRY, 100% INSULATION LEVEL						
Conductor			Insulation 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				
<b>SINGLE CONDUCTOR 2400 VOLT, NON-SHIELDED</b>						
8*	7	0.14	110	0.41	55	95
6*	7	0.18	110	0.43	75	130
4*	7	0.23	110	0.50	97	185
2	7	0.27	110	0.56	130	265
1*	19	0.32	110	0.59	155	330
1/0	19	0.34	110	0.62	180	405
2/0	19	0.38	110	0.67	205	495
3/0	19	0.42	110	0.72	240	610
4/0	19	0.48	110	0.76	280	790
250	37	0.52	120	0.83	315	895
350	37	0.62	120	0.94	385	1230
500	37	0.74	120	1.05	475	1685
750	61	0.91	130	1.25	600	2525
1000*	61	1.12	130	1.46	690	3330

**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.