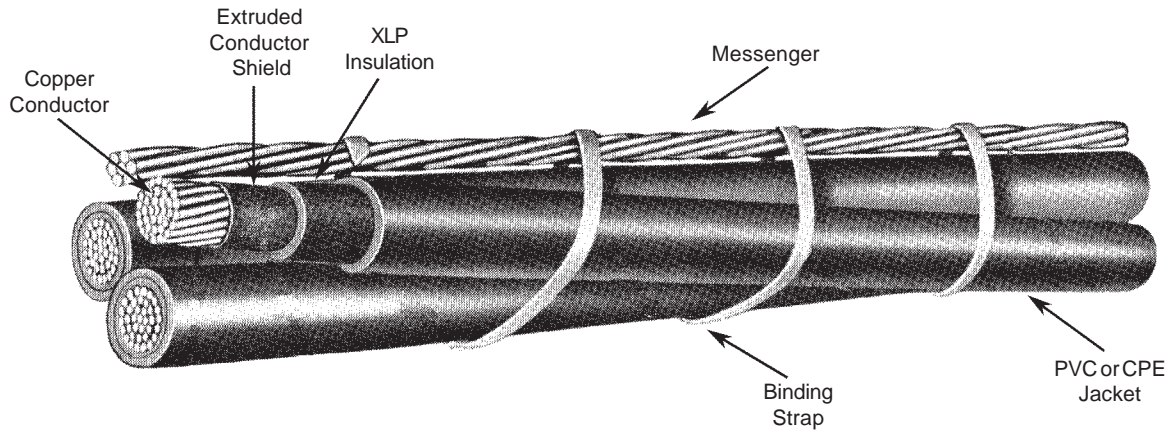


**XLP, PREASSEMBLED AERIAL CABLE, NON-SHIELDED
2400V~ (5000V), TYPE MV-90, WET OR DRY**

SPEC 5-34-1
Ver. 7.0
Revised: 06/05/06



90°C CONDUCTOR TEMPERATURE

Conductor			Insulation in Mils	Individual Conductor Jacket in Mils	Size Messenger*		Approximate O.D. in Inches	Ampacity** 40°C Ambient	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands	Nominal O.D.			30% EHS Copper Clad Steel	Galvanized Steel			

THREE CONDUCTOR 2400 VOLT NON-SHIELDED

6*	7	0.18	125	80	3-#8	1/4"	1.95	90	895
4*	7	0.23	125	80	3-#8	1/4"	2.05	120	1095
2	7	0.27	125	80	3-#8	1/4"	2.14	160	1380
1*	19	0.32	125	80	3-#8	1/4"	2.26	185	1605
1/0	19	0.34	125	80	5/16"	5/16"	2.32	215	1895
2/0	19	0.38	125	80	5/16"	5/16"	2.41	250	2200
3/0	19	0.42	125	95	3/8"	5/16"	2.64	290	2785
4/0	19	0.48	125	95	3/8"	3/8"	2.75	335	3265
250	37	0.61	140	110	7/16"	3/8"	3.07	375	3970
350	37	0.71	140	110	1/2"	7/16"	3.34	465	5165
500	37	0.74	140	125	9/16"	1/2"	3.73	580	7010
750	61	0.91	155	125	21/32"	5/8"	4.27	750	10025
1000*	61	1.12	155	125	---	3/4"	4.83	880	13010

Note: **Based on cable in air per NEC Table 310.67.

*Heavy loading span 150 ft.; Maximum sag at 60°F: 2.5 ft.

*Compressed conductors.

*ICEA and UL voltage class.

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

STANDARDS AND RATINGS:

1. Conductors are Listed by UL as Type MV-90 per Standard UL 1072.
3. Conforms to ICEA S-96-659/NEMA WC71 Nonshielded 2001V - 5KV Cables.
4. Conforms to ICEA P-79-561 Guide for Selecting Aerial Cable Messengers and Lashing Wires.

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