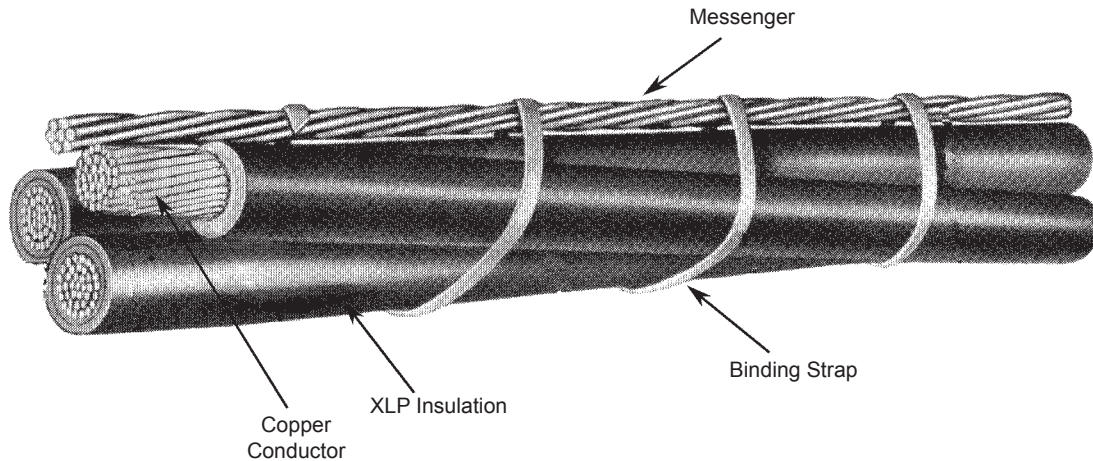


**PREASSEMBLED AERIAL CABLE, 600 VOLT
CROSS-LINKED POLYETHYLENE INSULATION (XHHW-2)**

SPEC 5-14-1
Ver.7.1
Revised: 12/04/08



90°C CONDUCTOR TEMPERATURE WET OR DRY

Conductor			Insulation 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 600 VOLT

6	7	0.18	45	3-#8	1/4"	1.12	89	435
4	7	0.23	45	3-#8	1/4"	1.22	117	590
3	7	0.25	45	3-#8	1/4"	1.27	134	700
2	7	0.28	45	3-#8	1/4"	1.35	158	840
1	19	0.32	55	3-#8	1/4"	1.48	185	1030
1/0	19	0.36	55	3-#8	1/4"	1.57	214	1250
2/0	19	0.41	55	5/16"	5/16"	1.70	247	1590
3/0	19	0.46	55	5/16"	5/16"	1.81	287	1930
4/0	19	0.51	55	3/8"	5/16"	1.99	335	2485
250	37	0.56	65	3/8"	3/8"	2.14	374	2890
300	37	0.61	65	3/8"	3/8"	2.25	419	3385
350	37	0.66	65	7/16"	7/16"	2.42	464	3960
400	37	0.71	65	1/2"	7/16"	2.58	503	4555
500	37	0.79	65	9/16"	1/2"	2.82	580	5670
600	61	0.87	80	9/16"	1/2"	3.06	647	6715
750	61	0.97	80	21/32"	9/16"	3.36	747	8415
1000	61	1.12	80	23/32"	3/4"	3.79	879	11130

Note:**Based on three single insulated conductors supported on a messenger per NEC Table 310.20.

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

*19 stranding is combination unilay per ASTM 787.

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

STANDARDS AND RATINGS:

1. Conforms to ICEA S-95-658/NEMA WC 70 Standard for Nonshielded Power Cables 2000 Volts or Less.
2. Conforms to ICEA P-79-561 Guide for Selecting Aerial Cable Messengers and Lashing Wires.
3. Conductors are listed by UL as Type XHHW-2 per Standard UL 44.

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