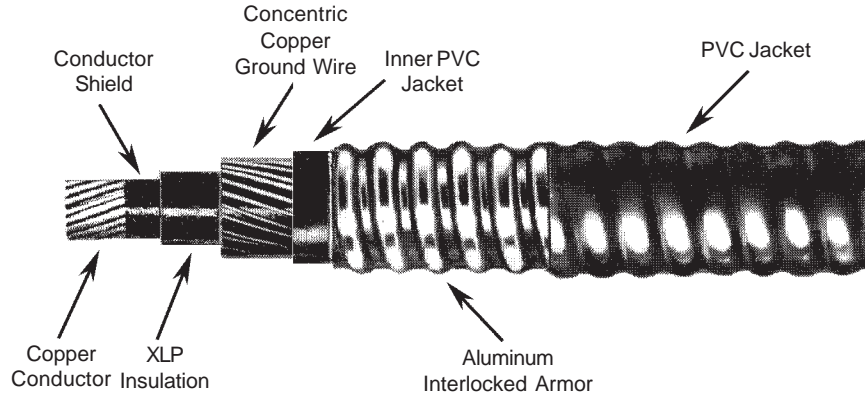


**TECK 90 (MINUS 40°C) HL CABLE, 5000 VOLT
XLP, NON-SHIELDED**

SPEC 8-29-1
Ver. 7.0
Revised: 06/05/06



90°C CONDUCTOR TEMPERATURE, WET OR DRY, 100% OR 133% INSULATION LEVEL

Conductor			Insulation in Mils	Inner Jacket in Mils	Size AWG Copper Ground Wire	Approximate O.D. in Inches			Ampacity** 30°C Ambient	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands	Nominal O.D.				Over Inner Jacket	Over Armor	Over Overall Jacket		

SINGLE CONDUCTOR 5000 VOLT, NON-SHIELDED

2	7	0.27	90	45	6	0.78	0.96	1.06	180	625
1*	19	0.32	90	45	4	0.83	1.01	1.11	210	745
1/0	19	0.34	90	45	4	0.84	1.02	1.12	245	820
2/0	19	0.38	90	45	4	0.88	1.06	1.16	285	925
3/0	19	0.42	90	45	3	0.93	1.11	1.21	330	1095
4/0	19	0.48	90	60	3	0.98	1.16	1.26	385	1260
250	37	0.52	90	60	2	1.04	1.22	1.32	425	1495
350	37	0.62	90	60	1	1.14	1.32	1.42	530	1925
500	37	0.74	90	60	1/0	1.29	1.47	1.57	660	2525
750	61	0.91	90	60	2/0	1.47	1.65	1.77	845	3555
1000*	61	1.12	90	60	2/0	1.68	1.94	2.06	1000	4510

Note:**Based on cables in free air run, per CEC Part 1, Tables 1 & 2. For other installations refer to the CEC.
*Compressed conductors.

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

STANDARDS AND RATINGS:

1. Listed as Teck 90 by CSA per CSA C22.2 No. 131.
2. Listed as FT4 & HL by CSA per CSA C22.2 No. 174.
3. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.

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