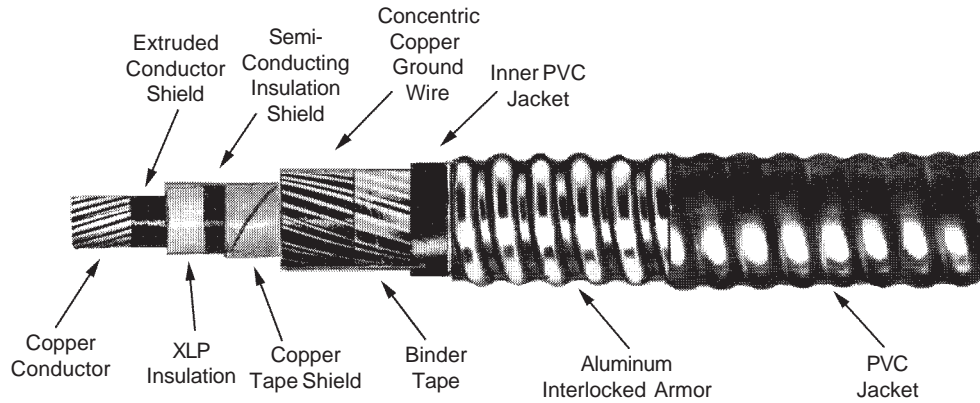


TECK HIGH VOLTAGE (MINUS 40°C) HL ARMORED POWER CABLE, 15000 VOLT XLP, SHIELDED

SPEC 8-39-3

Ver. 7.0

Revised: 05/28/08



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** 40°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 15000 VOLT, SHIELDED, 100% INSULATION LEVEL

2	7	0.27	175	80	6	1.08	1.26	1.36	195	995
1*	19	0.32	175	80	4	1.13	1.31	1.41	225	1145
1/0	19	0.34	175	80	4	1.15	1.33	1.43	260	1225
2/0	19	0.38	175	80	4	1.19	1.37	1.47	300	1340
3/0	19	0.42	175	80	3	1.23	1.41	1.51	345	1525
4/0	19	0.48	175	80	3	1.28	1.46	1.56	400	1700
250	37	0.52	175	80	2	1.34	1.52	1.64	445	1955
350	37	0.62	175	80	1	1.46	1.64	1.76	550	2430
500	37	0.74	175	80	1/0	1.56	1.87	1.99	685	3150
750	61	0.91	175	80	2/0	1.87	2.13	2.25	885	4325
1000*	61	1.12	175	110	2/0	2.09	2.35	2.50	1060	5410

SINGLE CONDUCTOR 15000 VOLT, SHIELDED, 133% INSULATION LEVEL

2	7	0.27	220	80	6	1.17	1.35	1.45	195	1090
1*	19	0.32	220	80	4	1.23	1.41	1.51	225	1245
1/0	19	0.34	220	80	4	1.24	1.42	1.52	260	1320
2/0	19	0.38	220	80	4	1.28	1.46	1.56	300	1445
3/0	19	0.42	220	80	3	1.33	1.51	1.63	345	1660
4/0	19	0.48	220	80	3	1.38	1.56	1.68	400	1840
250	37	0.52	220	80	2	1.46	1.64	1.76	445	2095
350	37	0.62	220	80	1	1.55	1.81	1.93	550	2610
500	37	0.74	220	80	1/0	1.71	1.97	2.09	685	3275
750	61	0.91	220	110	2/0	1.96	2.22	2.34	885	4470
1000*	61	1.12	220	110	2/0	2.18	2.44	2.59	1060	5570

Note: **Based on single cable isolated in air. 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 Type Power Cable by CSA per CSA 68.3.
2. Listed as FT4 & HL by CSA per CSA C22.2 No. 174.
3. Conforms to ICEA S-93-639/NEMA WC74 Shielded Power Cables 5 - 46KV.

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