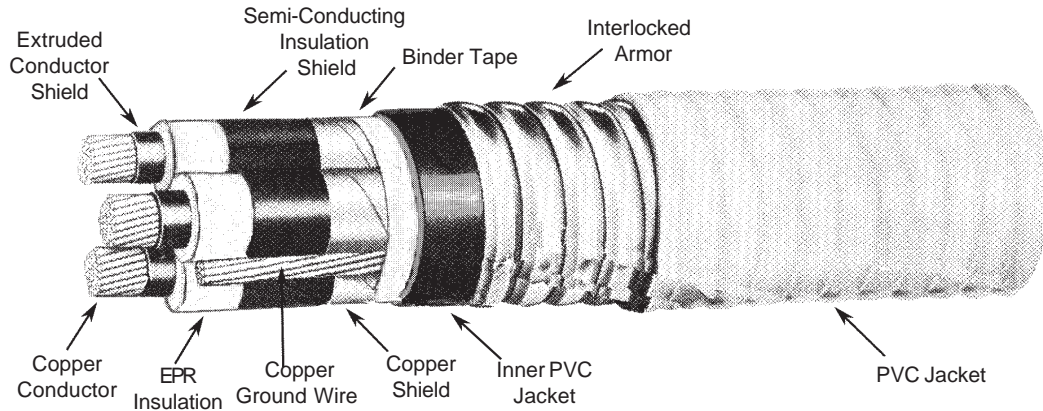


TECK HIGH VOLTAGE (MINUS 40°C) ARMORED POWER CABLE, 15000 VOLT EPR, SHIELDED

SPEC 8-49-6
Ver. 7.0
Revised: 05/10/06



105°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 Armor	Over Overall Jacket		

THREE CONDUCTOR 15000 VOLT, SHIELDED, 100% INSULATION LEVEL

2	7	0.27	175	110	6	2.23	2.35	185	2710
1*	19	0.32	175	110	6	2.35	2.50	210	3120
1/0	19	0.34	175	110	6	2.38	2.53	240	3375
2/0	19	0.38	175	110	6	2.46	2.61	275	3765
3/0	19	0.42	175	110	4	2.56	2.71	315	4300
4/0	19	0.48	175	110	4	2.68	2.83	360	4885
250	37	0.52	175	110	4	2.80	2.95	400	5470
350	37	0.62	175	140	3	3.06	3.23	490	6950
500	37	0.74	175	140	2	3.38	3.55	600	9060
750	61	0.91	175	140	2	3.79	3.96	745	12210
1000*	61	1.12	175	140	1	4.27	4.44	860	15590

THREE CONDUCTOR 15000 VOLT, SHIELDED, 133% INSULATION LEVEL

2	7	0.27	220	110	6	2.43	2.58	185	3140
1*	19	0.32	220	110	6	2.55	2.70	210	3495
1/0	19	0.34	220	110	6	2.58	2.73	240	3750
2/0	19	0.38	220	110	6	2.67	2.82	275	4155
3/0	19	0.42	220	110	4	2.77	2.92	315	4700
4/0	19	0.48	220	110	4	2.88	3.03	360	5305
250	37	0.52	220	140	4	3.05	3.22	400	6065
350	37	0.62	220	140	3	3.33	3.50	490	7620
500	37	0.74	220	140	2	3.58	3.75	600	9575
750	61	0.91	220	140	2	4.00	4.17	745	12780

Note: **Based on single cable isolated in air. For other installations refer to the CEC.

-Weights based on aluminum armor assembly.

*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 C68.3.
2. Listed as FT4 by CSA per CSA C68.3 (Aetna 3742 LSOH jacketed).
3. Conforms to ICEA S-93-639/NEMA WC74 Shielded Power Cables 5 - 46KV.

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