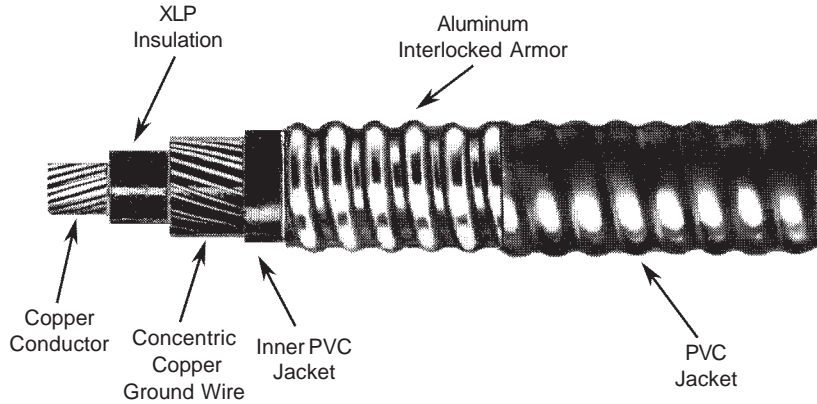


TECK 90 (MINUS 40°C) HL CABLE, 1000 VOLT, XLP (RW90)

SPEC 8-19-3

Ver. 7.0

Revised: 09/25/07



90°C CONDUCTOR TEMPERATURE, WET OR DRY

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 1000 VOLT

2	7	0.28	60	30	6	0.64	0.82	0.92	180	545
1	19	0.32	80	45	4	0.75	0.93	1.03	210	760
1/0	19	0.36	80	45	4	0.79	0.97	1.07	245	850
2/0	19	0.41	80	45	4	0.84	1.02	1.12	285	955
3/0	19	0.46	80	45	3	0.89	1.07	1.17	330	1125
4/0	19	0.51	80	45	3	0.94	1.12	1.22	385	1290
250	37	0.56	95	60	2	1.05	1.23	1.33	425	1545
300	37	0.61	95	60	2	1.10	1.28	1.38	480	1730
350	37	0.66	95	60	1	1.15	1.33	1.43	530	1970
400	37	0.71	95	60	1	1.20	1.38	1.48	575	2150
500	37	0.79	95	60	1/0	1.32	1.50	1.60	660	2580
600	61	0.87	110	60	1/0	1.43	1.61	1.72	740	3005
750	61	0.97	110	60	2/0	1.53	1.79	1.91	845	3675
1000	61	1.12	110	60	2/0	1.68	1.94	2.06	1000	4545

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

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

*19 stranding is combination unilay per ASTM 787.

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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