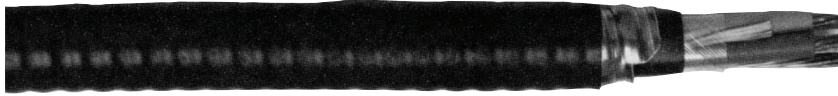


TECK90XLPE/PVC/AIA/PVC, Control and Power, Armored 1000 V
CSA TECK90, Three Conductor**Product Construction:****Conductor:**

- 14 AWG thru 8 AWG bare copper Class B compressed concentric round to ASTM B8
- 6 AWG thru 1000 kcmil bare copper compact Class B strand

Insulation:

- Cross-linked Polyethylene (XLPE), Type RW90
- Color-coded: 14 AWG to 2 AWG—black, red and blue; 1 AWG to 1000 kcmil—printed numbers

Ground (Bonding) Conductor:

- The conductor consists of one uninsulated stranded bare copper conductor

Inner Jacket:

- Lead-free, flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Armor:

- Aluminum Interlocked Armor (AIA)

Overall Jacket:

- Lead-free, ACID-FLAME-CHECK $\sqrt{V}^{\circ}$ AG14 flame-retardant, moisture- and sunlight-resistant Polyvinyl Chloride (PVC), black

Options:

- Galvanized Steel Interlocked Armor (GSIA)

Applications:

- For exposed and concealed wiring in dry, damp or wet locations
- For use in ventilated, non-ventilated and ladder-type cable trays in dry, damp or wet locations
- For direct earth burial (with protection as required by inspection authority)
- For wiring in all hazardous locations when used with certified HL cable glands

Features:

- Rated at 90°C wet or dry
- Excellent crush resistance, oil and chemical resistance
- Provides long service life
- Meets cold bend and impact tests at -40°C

Compliances:**Industry Compliances:**

- CSA Standard C22.2 No. 131 and No. 174

Flame Test Compliances:

- CSA FT1 and FT4
- IEEE 1202 (70,000 BTU/hr) CSA FT4

Other Compliances:

- Hazardous Location Rating: HL
- EPA 40 CFR, Part 261 for leachable lead content per TCLP method
- OSHA Acceptable
- RoHS Compliant

Packaging:

- For Canadian customers, lengths are provided on returnable wood or steel reels that require a deposit. Extra charges apply for lagging, pulling eyes, paralleling and plexing
- For U.S. customers, material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/ kcmil)	GROUND WIRE SIZE (AWG)	MIN. AVG. INS. THICKNESS		NOMINAL DIAMETER (OVER)						COPPER WEIGHT		NET WEIGHT W/ARMOR				AMPACITY** (30° C AMBIENT)
						INSULATION		ARMOR		CABLE								
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	LBS/1000 FT		kg/km		
														AL	STEEL	AL	STEEL	
14 AWG THRU 1000 kcmil—THREE CONDUCTOR—1000 V																		
330520*	3	14	14	0.045	1.14	0.17	4.2	0.67	17.0	0.76	19.3	52	77	261	398	388	592	25
780260	3	12	14	0.045	1.14	0.18	4.6	0.72	18.3	0.80	20.3	75	112	299	445	445	662	30
331120	3	10	12	0.045	1.14	0.21	5.3	0.79	20.1	0.88	22.4	124	185	374	539	557	802	40
793200	3	8	10	0.045	1.14	0.24	6.1	0.86	21.9	0.94	23.9	189	281	486	666	723	991	55
11288.010600	3	6	8	0.060	1.52	0.30	7.5	1.01	25.8	1.10	28.0	300	446	872	1155	1297	1718	75
11288.010400	3	4	8	0.060	1.52	0.34	8.6	1.15	29.2	1.24	31.5	447	665	918	1244	1365	1851	95
11288.010300	3	3	6	0.060	1.52	0.37	9.3	1.21	30.7	1.31	33.1	580	863	1087	1432	1618	2131	115
11288.010200	3	2	6	0.060	1.52	0.40	10.0	1.27	32.3	1.36	34.5	710	1056	1239	1604	1844	2386	130
11288.010100	3	1	6	0.080	2.03	0.47	11.9	1.43	36.3	1.52	38.6	875	1302	1518	1933	2259	2877	145
11288.015100	3	1/0	6	0.080	2.03	0.51	12.8	1.55	39.3	1.65	42.0	1080	1607	1806	2281	2687	3394	170
11288.015200	3	2/0	6	0.080	2.03	0.55	13.9	1.64	41.7	1.75	44.3	1340	1994	2124	2631	3161	3915	195
11288.015300	3	3/0	4	0.080	2.03	0.60	15.1	1.74	44.2	1.85	46.9	1717	2554	2543	3085	3784	4590	225
11288.015400	3	4/0	4	0.080	2.03	0.64	16.3	1.84	46.8	1.95	49.5	2130	3169	3039	3679	4522	5474	260
11288.016000	3	250	4	0.090	2.29	0.71	17.9	2.04	51.9	2.15	54.6	2494	3711	3661	4377	5447	6512	290
11288.016200	3	350	3	0.090	2.29	0.80	20.3	2.24	57.0	2.38	60.3	3471	5164	4775	5566	7104	8283	350
11288.016500	3	500	3	0.090	2.29	0.92	23.4	2.51	63.6	2.64	67.0	4884	7268	6361	7253	9465	10792	430
11270.891327	3	750	2	0.090	2.29	1.10	27.8	2.88	73.2	3.01	76.5	7296	10857	8977	10012	13358	14898	535
11288.017500*	3	1000	1	0.090	2.29	1.31	33.2	3.28	83.3	3.44	87.4	9612	14303	12184	13566	18130	20187	615

Dimensions and weights are nominal; subject to industry tolerances.

*Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

**Ampacity is based on CE Code Part 1, Table 2 (Three conductors in raceway [conduit]) and Rule 4-004.