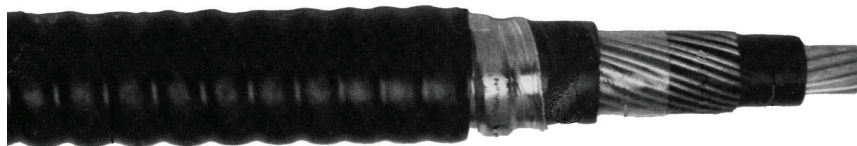


TECK90

XLPE/PVC/AIA/PVC, Power, Armored 1000 V
CSA TECK90, Single Conductor**Product Construction:****Conductor:**

- 6 AWG thru 1000 kcmil bare copper compact Class B strand

Insulation:

- Cross-linked Polyethylene (XLPE), Type RW90
- Color-coded: black

Ground (Bonding) Conductor:

- The conductor is a concentric serving of solid bare copper wires applied over the insulation

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 $\sqrt{\text{V}}$ ® 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, oil and chemical resistance
- Provides long service life
- Cost effective alternative to installations in conduit
- 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		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	
6 AWG THRU 1000 kcmil—SINGLE CONDUCTOR—1000 V																
11288.040600*	1	6	8	0.060	1.52	0.31	7.8	0.68	17.3	0.77	19.6	137	204	320	470	105
11288.050400*	1	4	6	0.060	1.52	0.35	8.8	0.73	18.6	0.81	20.6	211	314	410	610	140
11288.030300*	1	3	6	0.060	1.52	0.38	9.8	0.76	19.3	0.84	21.4	244	363	450	680	165
11288.050200*	1	2	6	0.060	1.52	0.42	10.5	0.78	19.8	0.87	22.1	286	426	510	760	190
11288.050100*	1	1	4	0.080	2.03	0.49	12.5	0.88	22.4	0.96	24.4	390	581	680	1010	220
11288.035100*	1	1/0	4	0.080	2.03	0.51	12.95	0.92	23.5	1.02	25.9	464	690	770	1145	260
11288.035200*	1	2/0	4	0.080	2.03	0.58	14.7	0.95	24.1	1.04	26.4	544	809	860	1280	300
11288.035300*	1	3/0	3	0.080	2.03	0.60	15.24	1.06	27.0	1.16	29.5	694	1033	1074	1598	350
11288.025400*	1	4/0	3	0.080	2.03	0.65	16.54	1.12	28.3	1.21	30.8	832	1238	1231	1831	405
11288.026000*	1	250	2	0.090	2.29	0.71	17.98	1.21	30.6	1.29	32.8	996	1483	1778	2646	455
11288.036200*	1	350	1	0.090	2.29	0.80	20.42	1.34	34.0	1.43	36.2	1366	2032	2182	3247	570
11288.026500*	1	500	1/0	0.090	2.29	0.92	23.47	1.46	37.0	1.54	39.2	1905	2835	2778	4134	700
11288.027000*	1	750	2/0	0.090	2.29	1.10	27.84	1.69	43.0	1.80	45.7	2782	4139	3907	5814	885
11288.027500*	1	1000	2/0	0.090	2.29	1.25	31.72	1.85	46.9	1.96	49.7	3567	5308	4404	6554	1055

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 1 (single conductor in free air) and Rule 4-004.