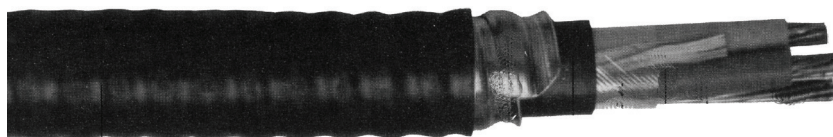


TECK90

XLPE/PVC/AIA/PVC, Control, Armored 600 V
CSA TECK90, Multi-Conductor, 12 AWG**Product Construction:****Conductor:**

- 12 AWG bare copper Class B compressed concentric round to ASTM B8

Insulation:

- Cross-linked Polyethylene (XLPE), Type RW90
- Color-coded: 1 to 4 conductors—black, white, red and blue; over 4 conductors—per ICEA Method 4, individual conductors colored black with conductor number surface printed in contrasting ink

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 $\sqrt{V}$ ® 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
- 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)	GROUND WIRE SIZE (AWG)	NOMINAL DIAMETER (OVER)						COPPER WEIGHT		NET WEIGHT W/ARMOR				AMPACITY** (30° C AMBIENT)
				INSULATION		ARMOR		CABLE				LBS/1000 FT		kg/km		
				INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	AL	STEEL	AL	STEEL	

12 AWG—MULTI-CONDUCTOR—30 MILS INS. (.76 mm), 600 V

780210	2	12	14	0.15	3.9	0.65	16.4	0.73	18.6	53	79	219	345	326	514	30
780240	3	12	14	0.15	3.9	0.67	17.1	0.76	19.4	73	109	252	385	375	573	30
780320	4	12	14	0.15	3.9	0.72	18.3	0.81	20.5	93	139	290	434	432	646	30
312910	5	12	14	0.15	3.9	0.75	19.1	0.84	21.3	113	169	326	477	485	710	24
331190*	6	12	14	0.15	3.9	0.83	21.2	0.92	23.4	134	199	395	565	587	840	24
315020*	7	12	14	0.15	3.9	0.86	21.9	0.95	24.1	154	229	422	599	628	891	21
311560*	8	12	14	0.15	3.9	0.88	22.4	0.97	24.6	174	259	458	639	681	951	21
304030*	10	12	14	0.15	3.9	0.98	24.9	1.07	27.1	214	319	549	753	816	1120	21
331130*	12	12	14	0.15	3.9	1.03	26.1	1.12	28.3	255	379	653	962	971	1431	21
312990*	15	12	14	0.15	3.9	1.16	29.3	1.24	31.6	315	469	808	1161	1203	1727	21
299950*	20	12	14	0.15	3.9	1.25	31.7	1.34	33.9	416	619	976	1360	1453	2024	21
307470*	25	12	14	0.15	3.9	1.35	34.2	1.43	36.4	517	769	1144	1562	1702	2324	18
318730*	30	12	14	0.15	3.9	1.42	35.9	1.51	38.2	617	919	1320	1735	1964	2582	18
346880*	40	12	14	0.15	3.9	1.54	39.1	1.64	41.7	819	1219	1725	2185	2567	3252	18
346890*	50	12	14	0.15	3.9	1.67	42.4	1.77	45.0	1021	1519	2055	2556	3058	3804	15

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 for 3 conductors in raceway (conduit). Ampacity of 4 conductor cable is based on 3 current-carrying conductors and 1 neutral. Ampacity at 5 or more conductors is modified by Table 5C.