TECK90

XLPE/PVC/AIA/PVC, Control, Armored
600 V, CSA TECK90, Multi-Conductor, 14 AWG

Product Construction:

Conductors:
- 14 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 ✓✓® 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 383 (70,000 BTU/hr)
- UL 1581 (70,000 BTU/hr)
- IEEE 1202 (70,000 BTU/hr) CSA FT4
- ICEA T-30-520 (70,000 BTU/hr)

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	
14 AWG—MULTI-CONDUCTOR—30 MILS INS. (.76 mm), 600 V																
780220	2	14	14	0.13	3.4	0.58	14.8	0.67	16.9	39	58	195	310	290	462	25
780250	3	14	14	0.13	3.4	0.60	15.4	0.69	17.4	52	78	226	346	336	515	25
780280	4	14	14	0.13	3.4	0.64	16.2	0.72	18.3	68	101	256	385	381	573	25
794540	5	14	14	0.13	3.4	0.68	17.3	0.76	19.3	81	121	290	430	432	640	20
792940	6	14	14	0.13	3.4	0.72	18.3	0.80	20.3	95	142	316	464	471	691	20
780310	7	14	14	0.13	3.4	0.74	18.8	0.82	20.8	104	155	338	490	503	730	17.5
330090	8	14	14	0.13	3.4	0.79	20.1	0.87	22.2	117	174	373	537	555	799	17.5
792960	10	14	14	0.13	3.4	0.88	22.3	0.96	24.3	149	222	451	637	671	948	17.5
792980	12	14	14	0.13	3.4	0.90	23.0	0.99	25.0	176	262	511	702	761	1045	17.5
793000	15	14	14	0.13	3.4	0.96	24.3	1.04	26.3	217	323	586	791	872	1177	17.5
780290	20	14	14	0.13	3.4	1.13	28.7	1.21	30.8	285	424	789	1117	1174	1662	17.5
308190*	25	14	14	0.13	3.4	1.22	30.9	1.30	33.0	337	502	958	1315	1426	1957	15
333750*	30	14	14	0.13	3.4	1.28	32.5	1.36	34.6	402	599	1015	1390	1511	2069	15
330280*	40	14	14	0.13	3.4	1.40	35.6	1.48	37.7	531	791	1234	1649	1837	2454	15
299980*	50	14	14	0.13	3.4	1.52	38.5	1.60	40.6	661	984	1463	1916	2178	2851	12.5

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.

Canadian Standard Association

RoHS Compliant Directive 2011/65/EU

General Cable