

TECK90 – COPPER CONDUCTOR

2 CONDUCTOR #8 AWG THRU 600 kcmil

XLPE/ALUMINUM ARMoured/1000 V, (-40°C) CSA



(3 conductor shown)

Conductor:
8 AWG. Thru 600 kcmil. compact round concentric lay class "B" stranded copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
Black, white

Bonding Conductor (Ground):
One (1) bare stranded class "B" copper conductor

Inner jacket:
Polyvinyl Chloride (PVC), black

Armour:
Aluminum interlocked armour

Outer Jacket:
Low acid gas, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), black

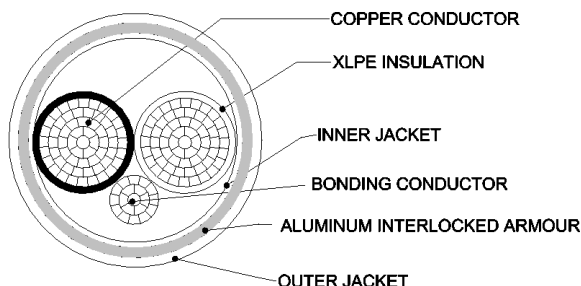
Print:
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)
CMPCT TECK90 XLPE 1000V HL FT4 (-40C) SUN RES AG14 CSA, METRE MARK

CSA Licence:
LL109933

Applications:
For concealed wiring in dry or wet locations
For exposed wiring in dry or wet locations
For exposed and wiring in dry, locations where subjected to corrosive action if suitable for corrosive conditions encountered
For exposed wiring where subjected to the weather
For use in ventilated, Non-ventilated and ladder-type cable trays in dry or wet locations
For direct earth burial (with protection as required by inspection authority)
For service entrance above or below ground

Features:
Rated at 90°C wet or dry
Excellent crush 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, No.38 and No.2256, RoHS
Flame test compliances: CSA FT4
Hazardous Location, SUN RES (outer jacket) SUN RES on inner jacket and insulated conductor available upon request, Direct Burial
Acid Gas: CSA AG14



PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)						NET WEIGHT		AMPACITY AT 90° C
						INNER JACKET		ARMOUR		CABLE		KG/KM	LBS/1000'	
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm			
800442	2	8	10	0.045	1.14	0.585	14.9	0.785	19.94	0.872	22.15	558	375	55
800441	2	6	8	0.060	1.52	0.703	17.9	0.903	22.94	0.940	23.88	810	544	75
800438	2	4	8	0.060	1.52	0.835	21.2	1.085	27.56	1.172	29.77	1096	737	95
800436	2	3	6	0.060	1.52	0.893	22.7	1.143	29.03	1.230	31.24	1284	863	115
800434	2	2	6	0.060	1.52	0.955	24.3	1.205	30.61	1.292	32.82	1455	978	130
800933	2	1	6	0.080	2.03	1.093	27.8	1.343	34.11	1.430	36.32	1742	1171	145
800790	2	1/0	6	0.080	2.03	1.167	29.6	1.417	35.99	1.504	38.20	1999	1343	170
800932	2	2/0	6	0.080	2.03	1.247	31.7	1.497	38.02	1.602	40.69	2353	1581	195
800887	2	3/0	4	0.080	2.03	1.344	34.1	1.594	40.49	1.699	43.15	2821	1896	225
800886	2	4/0	4	0.080	2.03	1.447	36.8	1.697	43.10	1.802	45.77	3306	2222	260
801233	2	250	4	0.090	2.29	1.575	40.0	1.875	47.63	1.980	50.29	3895	2617	290
801409	2	300	4	0.090	2.29	1.736	44.1	2.036	51.71	2.141	54.38	4612	3099	320
801412	2	350	3	0.090	2.29	1.846	46.9	2.146	54.51	2.251	57.18	5224	3511	350
801413	2	400	3	0.090	2.29	1.931	49.0	2.231	56.67	2.336	59.33	5765	3874	380
801415	2	500	3	0.090	2.29	2.066	52.5	2.366	60.10	2.497	63.42	6370	4281	430
801417	2	600	2	0.090	2.29	2.232	56.7	2.532	64.31	2.663	67.64	7036	4728	475

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1