

3 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, red, blue

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:

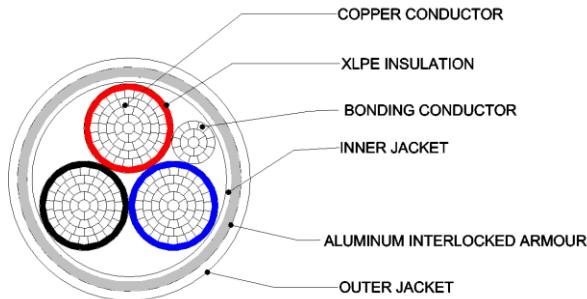
Rated at 90°C wet or dry
Excellent crush resistance
Provides long service life
Cost effective alternative to installations in conduit
Meets cold bend and impact tests at (-40°C)

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				
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	LBS/1000'	
800461	3	8	10	0.045	1.14	0.611	15.5	0.811	20.60	0.898	22.81	663	446	55
800460	3	6	8	0.060	1.52	0.746	18.9	0.946	24.03	1.033	26.24	426	286	75
800457	3	4	8	0.060	1.52	0.885	22.5	1.135	28.83	1.222	31.04	1352	909	95
800893	3	3	6	0.060	1.52	0.948	24.1	1.198	30.43	1.285	32.64	1596	1073	115
800454	3	2	6	0.060	1.52	1.014	25.8	1.264	32.11	1.351	34.32	1835	1233	130
800740	3	1	6	0.080	2.03	1.163	29.5	1.413	35.89	1.500	38.10	2230	1499	145
800777	3	1/0	6	0.080	2.03	1.242	31.5	1.492	37.90	1.595	40.51	2596	1745	170
800778	3	2/0	6	0.080	2.03	1.330	33.8	1.580	40.13	1.685	42.80	3089	2076	195
800779	3	3/0	4	0.080	2.03	1.429	36.3	1.679	42.65	1.784	45.31	3726	2504	225
800780	3	4/0	4	0.080	2.03	1.541	39.1	1.841	46.76	1.946	49.43	4528	3043	260
801173	3	250	4	0.090	2.29	1.742	44.2	2.042	51.87	2.147	54.53	5398	3627	290
801260	3	300	4	0.090	2.29	1.847	46.9	2.147	54.53	2.252	57.20	6196	4164	320
801237	3	350	3	0.090	2.29	1.961	49.8	2.261	57.43	2.392	60.76	7135	4795	350
801256	3	400	3	0.090	2.29	2.089	51.8	2.339	59.41	2.470	62.74	7911	5316	380
801174	3	500	3	0.090	2.29	2.206	56.0	2.506	63.65	2.637	66.98	8778	5899	430
801259	3	600	2	0.090	2.29	2.374	60.3	2.674	67.92	2.805	71.25	9709	6524	475

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1