



(3 conductor shown)

Conductor:
6 AWG. Thru 750 kcmil, aluminum
(8000 series aluminum) compact class "B" strand

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
black, red, blue

Bonding Conductor (Ground):
One (1) bare stranded bare aluminum
(ACM) 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

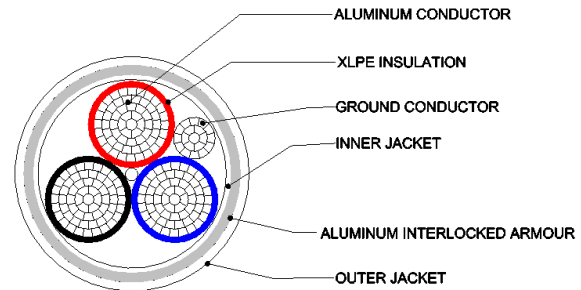
Print:
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)
CMPCT AL (ACM) TECK90 XLPE 1000V HL FT4 (-40C)
SUN RES AG14 CSA, METRE MARK

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			
801488	3	6	8	0.060	1.52	0.746	18.9	0.946	24.03	1.033	26.24	675	454	55
801456	3	4	6	0.060	1.52	0.885	22.5	1.135	28.83	1.222	31.04	951	639	75
801455	3	2	6	0.060	1.52	1.014	25.8	1.264	32.11	1.351	34.32	1199	806	100
801458	3	1	4	0.080	2.03	1.163	29.5	1.413	35.89	1.5	38.10	1366	918	115
802221	3	1/0	4	0.080	2.03	1.242	31.5	1.492	37.90	1.595	40.51	1525	1025	135
801466	3	2/0	4	0.080	2.03	1.330	33.8	1.580	40.13	1.685	42.80	1750	1176	150
801465	3	3/0	4	0.080	2.03	1.429	36.3	1.679	42.65	1.784	45.31	1984	1333	175
801464	3	4/0	2	0.080	2.03	1.541	39.1	1.841	46.76	1.946	49.43	2402	1614	205
801480	3	250	2	0.090	2.29	1.742	44.2	2.042	51.87	2.147	54.53	2899	1948	230
801472	3	300	2	0.090	2.29	1.847	46.9	2.147	54.53	2.252	57.20	3274	2200	260
802090	3	350	2	0.090	2.29	1.961	49.8	2.261	57.43	2.392	60.76	3527	2370	280
801470	3	400	1	0.090	2.29	2.039	51.8	2.339	59.41	2.470	62.74	3943	2650	305
801463	3	500	1	0.090	2.29	2.206	56.0	2.506	63.65	2.637	66.98	4547	3056	350
801748	3	600	1	0.090	2.29	2.374	60.3	2.674	67.92	2.805	71.25	5138	3453	385
801473	3	750	1/0	0.090	2.29	2.591	65.8	2.891	73.43	3.042	77.27	6029	4051	435

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1