



Conductor:
 Bare aluminum
 (8000 series aluminum) compact class "B" strand

Insulation:
 Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
 Black

Bonding Conductor (Ground):
 Concentrically wrapped uninsulated solid aluminum (ACM) conductor.

Mylar wrap applied around ground conductors

Inner jacket:
 Polyvinyl Chloride (PVC), black

Armour:
 Aluminum interlocked armour

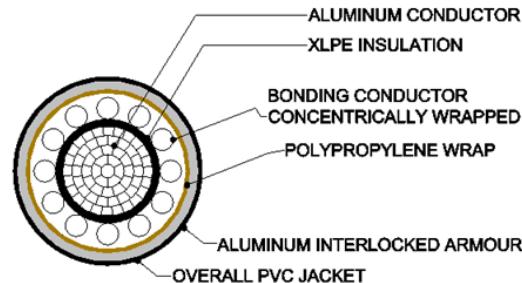
Outer Jacket:
 Low acid gas, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), black

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

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, No. 174 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)	MIN. AVG. INSULATION		NOMINAL DIAMETER (OVER)						NET WEIGHT	
						INNER JACKET		ARMOUR		CABLE			
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	LBS/ 1000'
802185	1	350	1/0	0.090	2.29	1.090	27.7	1.34	34.04	1.427	36.25	1450	974
802186	1	500	2/0	0.090	2.29	1.229	31.2	1.479	37.57	1.566	39.78	1800	1210
802146	1	750	3/0	0.090	2.29	1.424	36.2	1.724	43.79	1.827	46.41	2477	1665

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES