



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

Insulation:
Cross-linked Polyethylene (XLPE) Type RW 90

Colour Coding:
Black

Bonding Conductor (Ground):
Concentrically wrapped bare stranded bare copper conductor

Armour:
Aluminum Interlocked Armour (AIA)

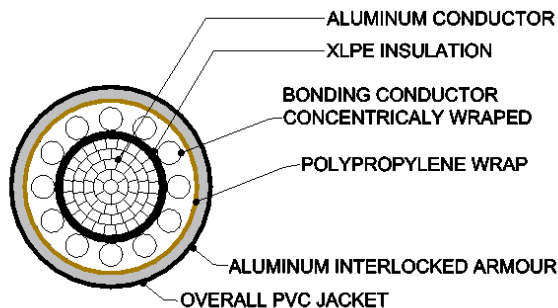
Jacket:
Low acid gas, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), black.
Custom colours available upon request

Print:
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)
COMPCT ALUM ACM STRAND ACWU90 XLPE
600V HL FT4 (-40C) SUN RES AG14 CSA, METRE MARK

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 location
For direct earth burial (with protection as required by inspection authority)
For wiring all hazardous locations when used with certified HL cable glands
For service entrance installations

Features:
Rated at 90°C wet or dry
Excellent crush, oil and chemical 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. 51 and No.174
Flame test compliances: CSA FT4, Low Acid Gas
Other compliances: Hazardous Location Rating: HL



PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG/kcmil)	MIN. AVG. INSULATION		NOMINAL DIAMETER (OVER)						NET WEIGHT	AMPACITY AT 90° C
						TWISTED CORE		ARMOUR		CABLE			
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	
801502	1	1	6	0.055	1.40	0.413	10.5	0.751	19.08	0.838	21.29	502	175
801503	1	1/0	6	0.055	1.40	0.450	11.4	0.878	22.30	0.965	24.51	550	205
801504	1	2/0	4	0.055	1.40	0.490	12.4	0.828	21.03	0.915	23.24	605	235
801505	1	3/0	4	0.055	1.40	0.539	13.7	0.925	23.50	1.012	25.70	817	240
801506	1	4/0	4	0.055	1.40	0.589	15.0	0.977	24.82	1.064	27.03	878	280
801507	1	250	3	0.065	1.65	0.654	16.6	1.042	26.47	1.129	28.68	1258	315
801716	1	300	3	0.065	1.65	0.704	17.9	1.092	27.74	1.179	29.95	1346	350
801361	1	350	2	0.065	1.65	0.751	19.1	1.138	28.91	1.225	31.12	1408	395
801395	1	500	1	0.065	1.65	0.871	22.1	1.266	32.16	1.353	34.37	1660	485
801512	1	600	1	0.080	2.03	0.977	24.8	1.365	34.67	1.452	36.88	1914	545
801515	1	750	1/0	0.080	2.03	1.063	27.0	1.477	37.52	1.596	40.54	2276	620

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1