



Conductor:
1/0 AWG thru 750 kcmil 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

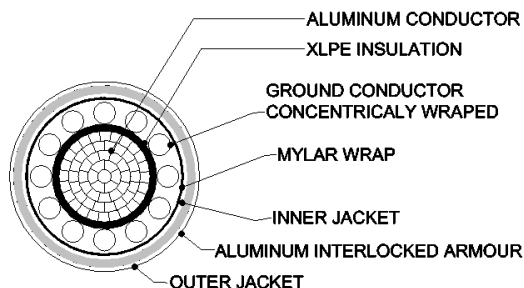
CSA: License:
LL109933

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



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'
1	1/0	4	0.080	2.03	0.730	18.5	0.98	24.89	1.067	27.10	723	486
1	350	1/0	0.090	2.29	1.090	27.7	1.34	34.04	1.427	36.25	961	646
1	500	2/0	0.090	2.29	1.229	31.2	1.479	37.57	1.566	39.78	1800	1210
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