

TECK90 – ALUMINUM CONDUCTOR

4 CONDUCTOR #2 AWG THRU 750 kcmil

XLPE/ALUMINUM ARMoured/1000 V, (-40°C) CSA



(3 conductor shown)

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

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

Colour Coding:
#2 AWG - Black, red, blue, white
#1 AWG – 750kcmil black with printed colour code

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

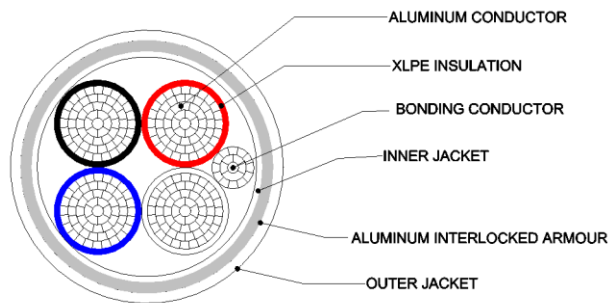
Print:
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)
CMPCT AL(ACM) TECK90 XLPE 1000V HL FT4 (-40C)
SUN RES AG14 CSA, METRE MARK

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, 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/kcmil)	MIN. AVG. INSULATION THICKNESS		NOMINAL DIAMETER (OVER)						NET WEIGHT	
						INNER JACKET		ARMOUR		CABLE			
				INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	KG/KM	LBS/1000'
802364	4	2	6	0.060	1.52	1.113	34.8	1.363	41.20	1.45	43.87	1310	880
802233	4	1	4	0.080	2.03	1.285	34.8	1.535	41.20	1.638	43.87	1665	1119
801749	4	1/0	4	0.080	2.03	1.372	34.8	1.622	41.20	1.727	43.87	1861	1251
801468	4	2/0	4	0.080	2.03	1.468	37.3	1.718	43.64	1.823	46.30	2098	1410
801391	4	3/0	4	0.080	2.03	1.582	40.2	1.882	47.80	1.987	50.47	2500	1680
801377	4	4/0	2	0.080	2.03	1.768	44.9	2.068	52.53	2.173	55.19	3075	2066
801467	4	250	2	0.090	2.29	1.924	48.9	2.225	56.52	2.33	59.18	3585	2409
801750	4	300	2	0.090	2.29	2.045	51.9	2.346	59.59	2.477	62.92	3960	2661
801471	4	350	2	0.090	2.29	2.156	54.8	2.456	62.38	2.587	65.71	4401	2957
801469	4	400	2	0.090	2.29	2.259	57.4	2.56	65.02	2.691	68.35	4816	3236
801682	4	500	1	0.090	2.29	2.441	62.0	2.741	62.76	2.872	72.95	5588	3755
801751	4	600	1	0.090	2.29	2.724	69.2	2.924	74.27	3.055	77.60	6349	4267
801683	4	750	1/0	0.090	2.29	2.929	74.4	3.229	82.02	3.380	85.85	7850	5275

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES