

TECK90 – COPPER CONDUCTOR

2 CONDUCTOR #14 AWG THRU #10 AWG

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



(3 conductor shown)

Conductor:
14 AWG. Thru 10 AWG. round concentric lay class "B" stranded copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
Black, white

Bonding Conductor (Ground):
One (1) bare stranded class "B" copper 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)
TECK90 XLPE 1000V HL FT4 (-40C) SUN RES AG14
CSA, METRE MARK

CSA Licence:
LL109933

Applications:

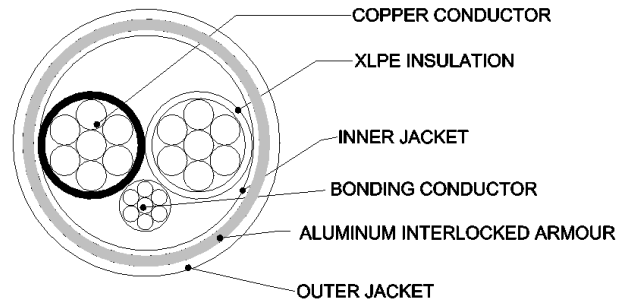
- For concealed wiring in dry or wet locations
- For exposed wiring in dry or wet locations
- For exposed and wiring in dry, locations where subjected to corrosive action if suitable for corrosive conditions encountered
- For exposed wiring where subjected to the weather
- For use in ventilated, Non-ventilated 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				
						INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	
800431	2	14	14	0.045	1.14	0.419	10.6	0.599	15.21	0.686	17.42	297	200	25
800428	2	12	14	0.045	1.14	0.457	11.6	0.657	16.69	0.744	18.90	352	237	30
800426	2	10	12	0.045	1.14	0.505	12.8	0.705	17.91	0.792	20.12	424	285	40

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1 Table 2



(3 conductor shown)

Conductor:
14 AWG. Thru 10 AWG. round concentric lay class "B" stranded copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
Black, red, blue

Bonding Conductor (Ground):
One (1) bare stranded class "B" copper 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)
TECK90 XLPE 1000V HL FT4 (-40C) SUN RES AG14
CSA, METRE MARK

CSA Licence:
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Applications:

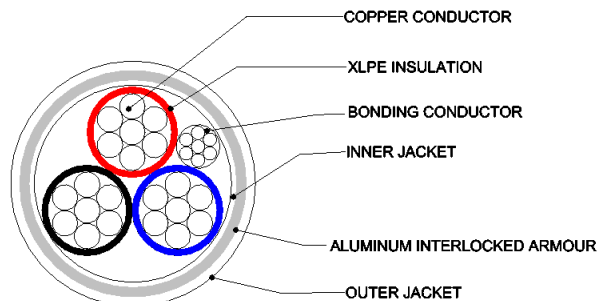
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Industry compliances: CSA Standard C22.2 No. 131, No.38 and No.2256, RoHS
Flame test compliances: CSA FT4
Hazardous Location, SUN RES (outer jacket) SUN RES on inner jacket and insulated conductor available upon request, Direct Burial
Acid Gas: CSA 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			
800452	3	14	14	0.045	1.14	0.443	11.3	0.643	16.33	0.730	18.54	349	235	25
800449	3	12	14	0.045	1.14	0.484	12.3	0.684	17.37	0.771	19.58	407	274	30
800447	3	10	12	0.045	1.14	0.566	14.4	0.766	19.46	0.853	21.67	533	358	40

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(3 conductor shown)

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14 AWG. Thru 10 AWG. round concentric lay class "B" stranded copper

Insulation:
Cross-linked Polyethylene (XLPE) Type RW90

Colour Coding:
Black, red, blue, white

Bonding Conductor (Ground):
One (1) uninsulated stranded class "B" copper 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:
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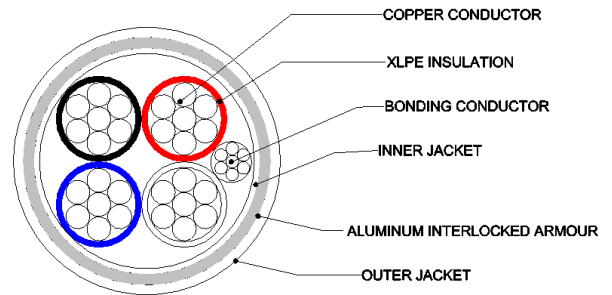
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Flame test compliances: CSA FT4
Hazardous Location, SUN RES (outer jacket) SUN RES on inner jacket and insulated conductor available upon request, Direct Burial
Acid Gas: CSA AG14



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				
						INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	
800466	4	14	14	0.045	1.14	0.486	12.3	0.686	17.42	0.773	19.63	399	268	20
800464	4	12	14	0.045	1.14	0.563	14.3	0.763	19.38	0.850	21.59	504	339	24
800462	4	10	12	0.045	1.14	0.621	15.8	0.821	20.85	0.908	23.06	623	419	32

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1 Table 2