



(3 conductor shown)

**Conductor:**  
2 AWG. compact round concentric lay class “B” stranded copper

**Insulation:**  
Cross-linked Polyethylene (XLPE) Type RW90

**Colour Coding:**  
black, red, blue

**Bonding Conductor (Ground):**  
Three (3) 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

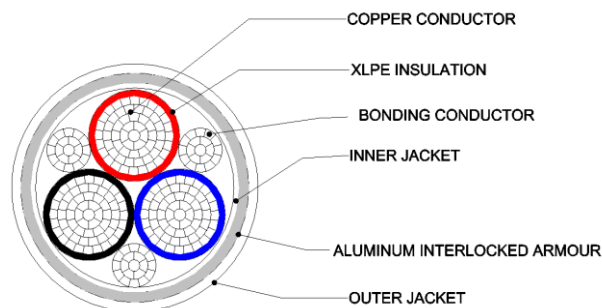
**Print:**  
NORTHERN CABLES™ #/C SIZE (AWG OR KCMIL)  
CMPCT TECK90 XLPE 1000V HL FT4 (-40C) SUN RES  
AG14 CSA, METRE MARK

**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  
Suitable for variable frequency drive applications

**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 /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	KG/KM	LBS/ 1000'	
3	2	3 x 8 AWG	0.060	1.52	1.014	25.8	1.264	32.11	1.351	34.32	1915	1287	130

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES  
AMPACITY IS BASED ON CEC Part 1