

AC90 – COPPER CONDUCTOR

3 CONDUCTOR SIZES #8 AWG THRU #2 AWG

XLPE/ALUMINUM ARMoured/600 V, (-40°C) CSA



(3 conductor shown)

Conductor:
8 AWG. Thru 2 AWG compact round concentric lay class "B" stranded copper

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

Colour Coding:
Black, white, red

Bonding Conductor (Ground):
One (1) bare stranded class "B" copper conductor

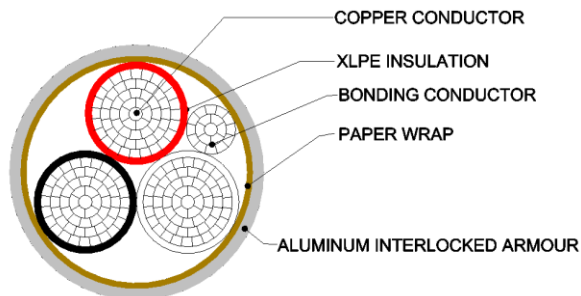
Armour:
Aluminum interlocked armour

CSA Licence:
109933

Applications:
For exposed and concealed wiring in dry, locations
For use in ventilated, non-ventilated and ladder-type cable trays in dry locations

Features:
Rated at 90°C 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. 51, No.38 and No.2256, RoHS
Flame test compliances: CSA ST1 and FT4



PART NO.	NO OF COND.	COND. SIZE (AWG/kcmil)	GROUND WIRE SIZE (AWG)	MIN. AVG. INSULATION		NOMINAL DIAMETER (OVER)				NET WEIGHT KG/KM	AMPACITY AT 90° C
						TWISTED CORE		ARMOUR			
				INCHES	mm	INCHES	mm	INCHES	mm		
800065	3	8	10	0.045	1.1	0.486	12.3	0.730	18.54	438	55
800060	3	6	8	0.045	1.1	0.557	14.1	0.810	20.57	688	75
800937	3	4	8	0.045	1.1	0.664	16.9	0.915	23.24	943	95
800054	3	3	6	0.045	1.1	0.718	18.2	0.978	24.84	1160	115
800050	3	2	6	0.045	1.1	0.780	19.8	1.030	26.16	1370	130

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES

AMPACITY IS BASED ON CEC Part 1