

AC90

2C14(1) AC90 CU ST1 ZERO HAL

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(-40°C) XLPE 600 Volts 90°C Zero Halogen

DESCRIPTION

CSA File #LL23462 Class 5811 01

Two, three or four copper or aluminum conductor material (ACM) conductors with low temperature EXELENE® cross-linked polyethylene insulation (RW90 XLPE) and bare copper or aluminum bonding wire. Conductor assembly paper wrapped and covered with bare interlocked aluminum armour. Rated 600 volts. LEAD FREE and RoHS compliant.

Insulation Colour Code: 4 Conductors - Black, Red, Blue, White

Limited Smoke Zero Halogen - CSA rated ST1 per CSA 22.2 No. 2556. Meets the FT4 flame spread test.

Application

For open and concealed wiring in dry locations only.

For use in cabletroughs and ventilated flexible cableways in dry locations only. Minimum recommended installation temperature minus 40°C (with suitable handling procedures).

Maximum conductor temperature 90°C. Approved for use with ceiling fixtures.

Armoured cable for commercial, industrial and apartment use.



STANDARDS

National CSA C22.2 N° 2556;
CSA C22.2 N° 51

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Insulation	XLPE
With Bonding Conductor	-

Dimensional characteristics

Approximate net weight	131.1 kg/km
Cable Diameter	11.81 mm
Conductor size (AWG)	14
Number of cores	-
Number of strands	1

Electrical characteristics

Maximum operating voltage	600 V
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Usage characteristics

Maximum operating temperature	90 °C
Minimum installation temperature	-40 °C

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