

# AC90 ISO-BX

## Contact

Inside Sales Representatives  
Phone: 905-944-4300  
buildingwire.canada@nexans.com

(-40°C) XLPE 600 V 90°C Zero Halogen

## DESCRIPTION

Solid copper circuit conductors, with low temperature EXELENE® cross-linked polyethylene insulation (RW90 XLPE), with two additional solid copper bonding conductors (one bare, one covered with green EXELENE®, (RW90 XLPE). Twisted assembly paper wrapped and covered with interlocked aluminum tape armour. Rated 600 volts. LEAD FREE and RoHS compliant.

### Application

For open and concealed wiring in dry locations only.  
This cable is recommended for installations where an isolated ground is required (i.e. computer and other electronic equipment or special installations).

Minimum recommended installation temperature minus 40°C (with suitable handling procedures).  
Maximum conductor temperature 90°C.

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



## STANDARDS

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

## CHARACTERISTICS

### Construction characteristics

Conductor material	Copper
Insulation	XLPE

### Dimensional characteristics

Approximate net weight	211.52 kg/km
Conductor diameter	2.05 mm
Conductor size (AWG)	12
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

## SELLING AND DELIVERY INFORMATION

Two-conductor cable contains black and white circuit conductors, green isolated ground conductor, and a bare copper bonding conductor.

Three-conductor cable contains red, black and white circuit conductors, green isolated ground conductor, and a bare copper bonding conductor.

\*\*Isolated Ground Conductor" covered with green (RW90) XLPE. Refer to the Canadian Electrical Code (CE Code) Part 1 (Rules 24-100 to 24-116) for rules covering cables and systems containing isolated grounding conductors, etc.

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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