

AC90 ISO-BX (-40°C) XLPE 600 Volts 90°C Copper



Solid copper circuit conductors, with low temperature XLPE insulation, two additional solid copper bonding conductors (one bare, one covered with green) twisted assembly wrapped and covered with interlocked aluminum tape armour. Rated 600 volts.

Industry compliances: CSA Spec C22.2 No. 51

Ready Wire Catalogue Number	No. of Conductors	Conductor AWG Size	Conductor Stranding	Bonding Wire AWG Size	Isolated Ground Wire AWG Size	Insulation (inches)	Ampacity (30°C Ambient) (amps)	Nominal O.D. (inches)	Total Weight (lbs/km)
ACIG14-02-99	2	14	Solid	14	14	0.03	15	0.491	374
ACIG14-03-99	3	14	Solid	14	14	0.03	15	0.528	442
ACIG12-02-99	2	12	Solid	12	12	0.03	20	0.531	436
ACIG12-03-99	3	12	Solid	12	12	0.03	20	0.573	492
ACIG10-02-99	2	10	Solid	10	10	0.045	30	0.58	679
ACIG10-03-99	3	10	Solid	10	10	0.045	30	0.63	820

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

Colour coding

- 2C- Black, white, green
- 3C- Black, white, red, green

Features:

- Size No. 12awg with a No. 12awg isolated ground is acceptable for use in patient care areas in accordance with rules 24-102 and 24-104 of the Canadian Electrical Code.

Applications:

- 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.