



Nexans Ref.: 12000016

Country Ref.: 347443

EAN 13: 622089103887



CONTACT

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Residential cable

STANDARDS

Product CSA C22.2 N° 48

CSA File #LL23462 Class 5821 02

Two or three copper conductors with 90°C PVC and nylon insulation.

Bare bonding wire and overall jacket of moisture resistant and flame retardant PVC, with FT1 rating.

LEAD FREE.

Nexans NMD90 CANADEX® Jacket colours:

#14 AWG - White 2 & 3C #14 for General Application

- Blue 2C#14 for Bedroom Outlets terminating at Arc Fault Circuit Interrupters (AFCI)

#12 AWG - Yellow

#10 AWG - Orange

#8 AWG and larger - White

NMD90 CANADEX® Insulation colours:

2 Conductors - Black, White

3 Conductors - Black, Red, White

Residential Applications for NMD90 CANADEX® :

- For open or concealed wiring in dry or damp locations where not exposed to mechanical injury.
- Maximum conductor temperature 90°C.
- Approved for use with ceiling fixtures.
- Minimum recommended handling temperature minus 25°C for 2 conductor cables and minus 10°C for 3 conductor cables (with suitable handling procedures).

CHARACTERISTICS

Construction characteristics

Conductor Material	Copper
Insulation	PVC/Nylon
Insulation Colour	Yellow
Number of conductors	3
With Bonding Conductor	Yes

Dimensional characteristics

Approximate Net Weight	152 kg/km
Bare Ground Size (AWG)	14
Conductor Diameter (mm)	2.32
Conductor size (AWG)	12 AWG
External dimensions	9.7 mm
Jacket Thickness	0.76 mm

Dimensional characteristics

Nominal insulation thickness	0.76 mm
Number of Conductors	3
Number of Strands	1
Nylon thickness	0.1 mm

Electrical characteristics

Maximum operating voltage	300 V
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Usage characteristics

Maximum operating temperature	90 °C
Minimum installation temperature	-25 °C

ENVIRONMENTAL DATA

This product is part of the **low carbon** range of Nexans : a selection of products ensuring the reduction of the carbon footprint and subject to rigorous ecodesign criteria.

Nexans Low Carbon Selection Criteria: minimum integration of 10% recycled copper or aluminum and/or 100% low-carbon aluminum sourcing.

Global Carbon Footprint

380.4 kg

- Amount of CO₂ emitted Cradle to Gate phase (raw material collection and manufacturing), for the production of 1 km of cable.