

# NMD90 CANADEX® Copper

2C12(1) NMD90 CU CANADEX RED

## Contact

Inside Sales Representatives  
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Nexans Ref.: 12000027

Country Ref.: 367359

EAN 13: 622089103788

Residential cable

## DESCRIPTION

CSA File #LL23462 Class 5821 02

Nexans NMD90 CANADEX® Red is a variant of copper conductor NMD90 CANADEX®, with NO WHITE WIRE in the 2 conductor cable. This cable is designed for use on 240-volt systems where there is no NEUTRAL, therefore the cable has a black and a red conductor in addition to the bare bonding wire. To make identification easier it is usually supplied with a RED overall jacket. It should NOT be used on 120 volt systems as there is no neutral, and it is dangerous to use either the red or the black as a neutral. Large sizes are available for use with electric furnaces.

Sizes 4 AWG and larger are twisted.

Nexans NMD90 CANADEX® Jacket Colour: Red

Nexans NMD90 CANADEX® Insulation Colours: Black, Red

### Nexans NMD90 CANADEX® Red Applications:

- For open or concealed wiring in dry or damp locations where not exposed to mechanical injury.
- Minimum recommended handling temperature minus 25°C (with suitable handling procedures).
- Maximum conductor temperature 90°C.
- Specifically designed for 240 V heating circuits.

### NEW FEATURES now available in sizes 2C12 AWG and 2C14 AWG

Click [here](#) to learn more about the features



## STANDARDS

National CSA C22.2 N° 48

## CHARACTERISTICS

### Construction characteristics

|                        |           |
|------------------------|-----------|
| Conductor material     | Copper    |
| Insulation             | PVC/Nylon |
| Jacket Colour          | Red       |
| With Bonding Conductor | Yes       |
| With neutral or not    | No        |

### Dimensional characteristics

|                        |              |
|------------------------|--------------|
| Approximate net weight | 121.52 kg/km |
| Cable Diameter         | 4.91 mm      |
| Conductor size (AWG)   | 12 AWG       |
| Number of cores        | 2            |

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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### Dimensional characteristics

|                   |   |
|-------------------|---|
| Number of strands | 1 |
|-------------------|---|

### Electrical characteristics

|                           |       |
|---------------------------|-------|
| Maximum operating voltage | 300 V |
|---------------------------|-------|

### Usage characteristics

|                               |       |
|-------------------------------|-------|
| Maximum operating temperature | 90 °C |
|-------------------------------|-------|

|                                  |        |
|----------------------------------|--------|
| Minimum installation temperature | -25 °C |
|----------------------------------|--------|