

# XLPE/PVC 2C+E & 3C+E 0.6/1kV Circular

## 3X25mm<sup>2</sup> + E XLPE/PVC Circular Orange

### Contact

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**Nexans Ref.:** FTHC17AA003OMAA

**Country Ref.:** FTHC17AA003OMAA

**EAN 13:** 9319215279328

3X25mm<sup>2</sup> + E XLPE/PVC Circular Orange

### DESCRIPTION

- 2 & 3 core+earth, circular,
- 0.6/1kV X-90 insulated,
- PVC sheathed to AS/NZS 5000.1
- Copper conductors, 90°C.

**Note:** Earth cores smaller than 25mm<sup>2</sup> are not compacted.

Orange Circular; Circs



### STANDARDS

**National AS/NZS 1125; AS/NZS 5000.1**



Conductor flexibility  
**Class 2**



Rated Voltage U<sub>0</sub>/U (Um)  
**0,6/1 kV**



Cable flexibility  
**Rigid**

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### CHARACTERISTICS

#### Construction characteristics

Colour	Orange
Conductor flexibility	Class 2
Conductor material	Copper
Conductor shape	Circular
Insulation	X-90
Outer sheath	PVC
Type of conductor	Compact copper
With Green/Yellow core	Yes

#### Dimensional characteristics

Approximate weight	54.0 kg/100m
Cable length	- m
Conductor cross-section	25 mm <sup>2</sup>
Earth conductor cross section	6 mm <sup>2</sup>
Nominal insulation thickness	0.9 mm
Nominal outer sheath thickness	1.8 mm
Nominal overall diameter	20.8 mm
Number of cores	3
Number of earth cores	1

#### Electrical characteristics

Conductor AC resistance at 50 Hz	1.47 Ohm/km
Inductive reactance at 50Hz	0.742 Ohm/km
Insulation resistance at 20°C	490 MOhm.km
Max. DC resistance of the conductor at 20°C	0.727 Ohm/km
Rated Voltage U <sub>0</sub> /U (Um)	0,6/1 kV

#### Mechanical characteristics

Cable flexibility	Rigid
Maximum Pull Tension of Conductor	5 kN
Maximum Pulling Tension	2.5 kN

#### Usage characteristics

Minimum Bend Radius - During Installation (under Tension)	250 mm
Minimum Bend Radius - Installed	170 mm