

# PVC Orange Circular 2C+E & 3C+E (450/750V & 0.6/1kV)

1.5mm 3C&E O/C 0.6/1KV 500m

## Contact

Internal Sales  
Phone: 1300 CABLES  
olex.csquotes@nexans.com

**Nexans Ref.:** FNHP05A5003OMAA

**Country Ref.:** FNHP05A5003OMAA

**EAN 13:** 9319215478568

3X1.5mm<sup>2</sup> + E PVC Circular Orange 0.6/1.0kV

## DESCRIPTION

- 2 & 3 core+earth, circular,
- V-90 insulated,
- 90°C PVC sheathed to AS/NZS 5000,
- Stranded Copper conductors

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

PVC Circular; Orange Circular ; Circs



## STANDARDS

**National** AS/NZS 1125; AS/  
NZS 5000; AS/NZS 5000.1; AS/  
NZS 5000.2



Conductor flexibility  
Class 2



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



Cable flexibility  
-

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## CHARACTERISTICS

### Construction characteristics

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

### Dimensional characteristics

Approximate weight	19.0 kg/100m
Cable length	- m
Conductor cross-section	1.5 mm <sup>2</sup>
Earth conductor cross section	1.5 mm <sup>2</sup>
Nominal insulation thickness	0.8 mm
Nominal outer sheath thickness	1.8 mm
Nominal overall diameter	11.0 mm
Number of cores	3
Number of earth cores	1

### Electrical characteristics

Conductor AC resistance at 50 Hz	16.5 Ohm/km
Inductive reactance at 50Hz	0.111 Ohm/km
Insulation resistance at 20°C	17 MOhm.km
Max. DC resistance of the conductor at 20°C	13.6 Ohm/km
Rated Voltage U <sub>0</sub> /U (Um)	0,6/1 kV

### Mechanical characteristics

Cable flexibility	-
Maximum Pull Tension of Conductor	0 kN
Maximum Pulling Tension	1.3 kN

### Usage characteristics

Minimum Bend Radius - During Installation (under Tension)	66 mm
Minimum Bend Radius - Installed	44 mm