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

4mm 3C&E O/C (450/750v) 500m

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

Nexans Ref.: ENHP09A5003OMAA
Country Ref.: ENHP09A5003OMAA
EAN 13: 9322576249463

3X4mm2 + E PVC Circular Orange 450/750v

DESCRIPTION

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

Note: Cores smaller than 25mm2 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 Uo/U (Um)
450/750 V

Cable flexibility
-

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

4mm 3C&E O/C (450/750v) 500m

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

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	26.3 kg/100m
Cable length	500 m
Conductor cross-section	4 mm²
Earth conductor cross section	2.5 mm²
Nominal insulation thickness	0.8 mm
Nominal outer sheath thickness	1.3 mm
Nominal overall diameter	12.5 mm
Number of cores	3
Number of earth cores	1
Electrical characteristics	
Conductor AC resistance at 50 Hz	5.61 Ohm/km
Inductive reactance at 50Hz	0.102 Ohm/km
Insulation resistance at 20°C	12 MOhm.km
Max. DC resistance of the conductor at 20°C	4.61 Ohm/km
Rated Voltage Uo/U (Um)	450/750 V
Mechanical characteristics	
Cable flexibility	-
Maximum Pull Tension of Conductor	1 kN
Maximum Pulling Tension	1.5 kN
Usage characteristics	
Minimum Bend Radius - During Installation (under Tension)	75 mm
Minimum Bend Radius - Installed	50 mm