

PVC Orange Circular 4C+E (450/750V & 0.6/1.0kV)

6mm 4C&E O/C 450/750V 100m

Nexans Ref.: GNHP11A1004OMAA

EAN 13: 9322576250292

4X6mm² + E PVC Circular Orange 450/750V 100m

DESCRIPTION

- 4 core+earth, circular,
- V-90 insulated,
- 90°C PVC sheathed to AS/NZS 5000,
- Copper conductors.
- GNHP 450/750V to AS/NZS 5000.2
- HNHP 0.6/1kV to AS/NZS 5000.1

Note: Earth cores smaller than 25mm² are not compacted.

* Due to a change in standard AS/NZS 5000.2, the minimum calculated value of the sheath thickness for circular multicore cables has reduced, therefore also reducing the OD and mass for 1.5mm²–6mm² cables.

Orange Circular; Circs



STANDARDS

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



Conductor flexibility
Class 2



Rated Voltage Uo/U (Um)
450 / 750 V



Cable flexibility
Rigid

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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
With smaller neutral conductor	No

Dimensional characteristics

Approximate weight	42.1 kg/100m
Cable length	100 m
Conductor cross-section	6 mm ²
Earth conductor cross section	2.5 mm ²
Neutral conductor section (when smaller)	- mm ²
Nominal insulation thickness	0.8 mm
Nominal outer sheath thickness	1.4 mm
Nominal overall diameter	15.0 mm
Number of cores	5
Number of earth cores	1

Electrical characteristics

Conductor AC resistance at 50 Hz	3.93 Ohm/km
Inductive reactance at 50Hz	0.097 Ohm/km
Insulation resistance at 20°C	9.9 MOhm.km
Max. DC resistance of the conductor at 20°C	3.08 Ohm/km
Rated Voltage U _o /U (U _m)	450 / 750 V

Mechanical characteristics

Cable flexibility	Rigid
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