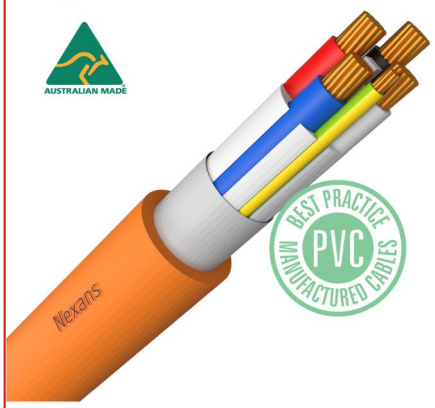
PVC Orange Circular 4C+E (450/750V & 0.6/1kV)

16mm 4C&E O/C 0.6/1KV 500m

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

Nexans Ref.: HNHP15A5004OMAA
Country Ref.: HNHP15A5004OMAA
EAN 13: 9319215301996

4X16mm2 + E PVC Circular Orange 0.6/1KV 500m



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)
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	V-90
Outer sheath	PVC
Type of conductor	Stranded copper
With Green/Yellow core	Yes
Dimensional characteristics	
Approximate weight	98.0 kg/100m
Cable length	500 m
Conductor cross-section	16 mm²
Earth conductor cross section	6 mm²
Nominal insulation thickness	1.0 mm
Nominal outer sheath thickness	1.8 mm
Nominal overall diameter	21.5 mm
Number of cores	4
Number of earth cores	1
Electrical characteristics	
Conductor AC resistance at 50 Hz	1.4 Ohm/km
Inductive reactance at 50Hz	0.084 Ohm/km
Insulation resistance at 20°C	8.4 MOhm.km
Max. DC resistance of the conductor at 20°C	1.15 Ohm/km
Rated Voltage Uo/U (Um)	0,6/1 kV
Mechanical characteristics	
Cable flexibility	Rigid
Maximum Pull Tension of Conductor	4 kN
Maximum Pulling Tension	2.6 kN
Usage characteristics	
Minimum Bend Radius - During Installation (under Tension)	130 mm
Minimum Bend Radius - Installed	86 mm