PVC Steel Wire Armour Circular 4C+E (0.6/1kV)

4X10mm2 + E PVC SWA Circular Orange

Contact

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Country Ref.: HNMP13AA004OMAA

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4X10mm2 + E PVC SWA Circular Orange

DESCRIPTION

- 4 core + earth,
- · Circular,
- 0.6/1kV
- V-90 insulated,
- PVC bedded,
- · Steel wire armoured,
- PVC sheathed cable to AS/NZS 5000.1,
- Copper conductors, 90°C.

Note: 3½ core (3 core+reduced neutral with or without earth) available on request subject to minimum production runs.



STANDARDS

National AS/NZS 1125; AS/ NZS 5000.1





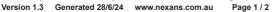


Rated Voltage Uo/U (Um) 0,6/1 kV



Cable flexibility Rigid

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.





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CHARACTERISTICS

Construction characteristics	
Armour type	Steel wires
Colour	Orange
Conductor flexibility	Class 2
Conductor material	Copper
Conductor shape	Circular
Insulation	V-90
Material of bedding	PVC filler
Outer sheath	PVC
Type of conductor	Stranded copper
With Green/Yellow core	Yes
Dimensional characteristics	
Approximate weight	139.0 kg/100m
Cable length	- m
Conductor cross-section	10 mm²
Diameter over armour	20.8 mm
Earth conductor cross section	4 mm²
Nominal diameter over bedding	17.6 mm
Nominal insulation thickness	1.0 mm
Nominal overall diameter	24.4 mm
Number of cores	4
Number of earth cores	1
Electrical characteristics	
Conductor AC resistance at 50 Hz	2.33 Ohm/km
Inductive reactance at 50Hz	0.091 Ohm/km
Insulation resistance at 20°C	9.9 MOhm.km
Max. DC resistance of the conductor at 20°C	1.83 Ohm/km
Rated Voltage Uo/U (Um)	0,6/1 kV
Mechanical characteristics	
Cable flexibility	Rigid
Maximum Pull Tension of Armour	9 kN
Maximum Pulling Tension	2.9 kN
Usage characteristics	
Minimum Bend Radius - During Installation (under Tension)	440 mm
Minimum Bend Radius - Installed	290 mm

SELLING AND DELIVERY INFORMATION

Other colours are available on request





