

PVC SWA Circular 2C+E & 3C+E (0.6/1kV)

2X1.5mm² + E PVC SWA Circular Orange

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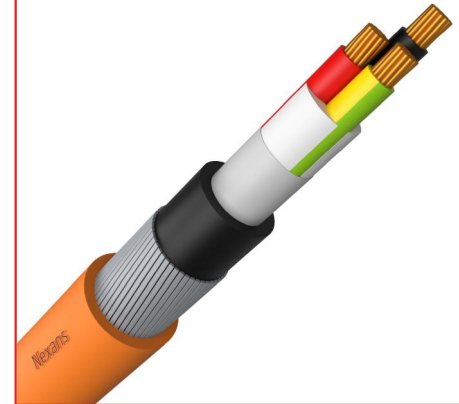
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2X1.5mm² + E PVC SWA Circular Orange

DESCRIPTION

- 2 & 3 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.

Orange Circulars; Armoured;



STANDARDS

National AS/NZS 1125; AS/
NZS 5000.1



Conductor flexibility
Class 2



Rated Voltage U_o/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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The Nexans logo, consisting of a stylized red 'N' followed by the word 'Nexans' in a black sans-serif font.

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CHARACTERISTICS

Construction characteristics

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

Dimensional characteristics

| | |
|-------------------------------|---------------------|
| Conductor cross-section | 1.5 mm ² |
| Number of cores | 2 |
| Earth conductor cross section | 1.5 mm ² |
| Number of earth cores | 1 |
| Nominal overall diameter | 14.1 mm |
| Nominal insulation thickness | 0.8 mm |
| Nominal diameter over bedding | 8.7 mm |
| Diameter over armour | 10.5 mm |
| Approximate weight | 37.0 kg/100m |
| Cable length | - m |

Electrical characteristics

| | |
|---|--------------|
| Conductor AC resistance at 50 Hz | 17.3 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 ₀ /U (U _m) | 0,6/1 kV |

Mechanical characteristics

| | |
|--------------------------------|--------|
| Cable flexibility | Rigid |
| Maximum Pull Tension of Armour | 2 kN |
| Maximum Pulling Tension | 1.7 kN |

Usage characteristics

| | |
|---|--------|
| Minimum Bend Radius - During Installation (under Tension) | 250 mm |
| Minimum Bend Radius - Installed | 170 mm |

SELLING AND DELIVERY INFORMATION

Other colours are available on request.

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