

XLPE/PVC SWA 2C+E & 3C+E 0.6/1.0kV Circular

3X50mm² + E XLPE/PVC SWA Circular Orange

Nexans Ref.: FTMC19AA003OMAA

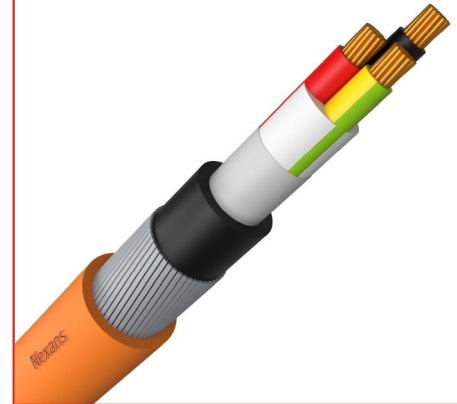
EAN 13: 9319215469085

3X50mm² + E XLPE/PVC SWA Circular Orange

DESCRIPTION

- 2 & 3 core+earth,
- Circular,
- 0.6/1kV
- X-90 insulated,
- PVC bedded,
- Steel wire armoured,
- PVC sheathed cable to AS/NZS 5000.1,
- Copper conductors, 90°C.

Orange Circulars; Circs; Armoured



STANDARDS

National AS/NZS 1125; AS/NZS 5000.1



Conductor flexibility
Class 2



Rated Voltage U₀/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.

Generated 2/11/22 www.nexans.com.au Page 1 / 2

XLPE/PVC SWA 2C+E & 3C+E 0.6/1.0kV Circular

3X50mm² + E XLPE/PVC SWA Circular Orange

CHARACTERISTICS

Construction characteristics

Armour type	Steel wires
Colour	Orange
Conductor flexibility	Class 2
Conductor material	Copper
Conductor shape	Circular
Insulation	X-90
Material of bedding	PVC
Outer sheath	PVC
Type of conductor	Compact copper
With Green/Yellow core	Yes
With smaller neutral conductor	No

Dimensional characteristics

Approximate weight	267.0 kg/100m
Cable length	500 m
Conductor cross-section	50 mm ²
Diameter over armour	27.9 mm
Earth conductor cross section	16 mm ²
Neutral conductor section (when smaller)	- mm ²
Nominal diameter over bedding	24.7 mm
Nominal insulation thickness	1.0 mm
Nominal overall diameter	31.8 mm
Number of cores	3
Number of earth cores	1

Electrical characteristics

Conductor AC resistance at 50 Hz	0.494 Ohm/km
Inductive reactance at 50Hz	0.069 Ohm/km
Insulation resistance at 20°C	410 MOhm.km
Max. DC resistance of the conductor at 20°C	0.387 Ohm/km
Rated Voltage U ₀ /U (Um)	0.6/1 kV

Mechanical characteristics

Cable flexibility	Rigid
-------------------	-------

SELLING AND DELIVERY INFORMATION

Other colours are available on request.