

# PVC SWA Circular 2C+E & 3C+E

## CU ARMAINS 3X 6+2.5E OG

### Contact

OLEX CUSTOMER SERVICE - Purchase orders, invoices, general enquiries  
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Nexans ref.: FNMP11AA003OMAA

GTIN: 9319215059197

3X6mm<sup>2</sup> + 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



Rated Voltage U<sub>o</sub>/U (Um)  
**0.6/1 kV**



Cable flexibility  
**Rigid**

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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
With smaller neutral conductor	No

### Dimensional characteristics

Conductor cross-section	6 mm <sup>2</sup>
Number of cores	3
Earth conductor cross section	2.5 mm <sup>2</sup>
Number of earth cores	1
Nominal overall diameter	20.0 mm
Nominal insulation thickness	1.0 mm
Nominal diameter over bedding	13.8 mm
Diameter over armour	16.3 mm
Approximate weight	84.0 kg/100m

### Electrical characteristics

Inductive reactance at 50Hz	0.0967 Ohm/km
Max. DC resistance of the conductor at 20°C	3.08 Ohm/km
Conductor AC resistance at 50 Hz	3.93 Ohm/km
Insulation resistance at 20°C	12.0 MOhm.km
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	0.6/1 kV

### Mechanical characteristics

Cable flexibility	Rigid
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## SELLING INFORMATION

Other colours are available on request.