

XLPE/PVC 2C+E & 3C+E

CU CEMPEX 2X 35^+10E OG

Contact

OLEX CUSTOMER SERVICE - Purchase
orders, invoices, general enquiries
Phone: 1300 CABLES
olex.customerservice@nexans.com

Nexans ref.: DTHC18AA002OMAA

GTIN: 9319215464547

2X35mm² + E XLPE/PVC Circular Orange

DESCRIPTION

- 2 & 3 core+earth, circular,
- 0.6/1kV X-90 insulated,
- PVC sheathed to AS/NZS 5000.1
- Copper conductors, 90°C.

Note: Earth cores smaller than 25mm² are not compacted.

Orange Circular; Circo



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.

Generated 9/03/21 www.olex.com.au Page 1 / 2

XLPE/PVC 2C+E & 3C+E

CU CEMPEX 2X 35⁺+10E OG

Contact

OLEX CUSTOMER SERVICE - Purchase
orders, invoices, general enquiries
Phone: 1300 CABLES
olex.customerservice@nexans.com

CHARACTERISTICS

Construction characteristics

| | |
|--------------------------------|----------------|
| Conductor material | Copper |
| With Green/Yellow core | Yes |
| Outer sheath | PVC |
| Colour | Orange |
| Type of conductor | Compact copper |
| With smaller neutral conductor | No |
| Insulation | X-90 |

Dimensional characteristics

| | |
|--------------------------------|--------------------|
| Nominal insulation thickness | 0.9 mm |
| Number of earth cores | 1 |
| Nominal outer sheath thickness | 1.8 mm |
| Number of cores | 2 |
| Earth conductor cross section | 10 mm ² |
| Nominal overall diameter | 21.3 mm |
| Conductor cross-section | 35 mm ² |
| Approximate weight | 54.0 kg/100m |

Electrical characteristics

| | |
|---|---------------|
| Inductive reactance at 50Hz | 0.118 Ohm/km |
| Max. DC resistance of the conductor at 20°C | 0.524 Ohm/km |
| Conductor AC resistance at 50 Hz | 0.927 Ohm/km |
| Insulation resistance at 20°C | 430.0 MOhm.km |
| Rated Voltage U ₀ /U (U _m) | 0.6/1 kV |

Mechanical characteristics

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