

# PVC Flat 2C+E & 3C+E

## 2X4mm<sup>2</sup> + E PVC Flat Red Black Cores with Black Sheath

### Contact

OLEX CUSTOMER SERVICE - Purchase orders, invoices, general enquiries  
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Nexans ref.: CNCP09A1002BKAA

GTIN: 9322576240552

2X4mm<sup>2</sup> + E PVC Flat Red Black Cores with Black Sheath

### DESCRIPTION

- 2 & 3 core+earth flat,
- 450/750V V-90 insulated,
- PVC sheathed to AS/NZS 5000.2,
- Copper conductors, 90°C.

Twin & Earth, Flats



### STANDARDS

National AS/NZS 1125; AS/NZS 5000.2



Rated Voltage U<sub>o</sub>/U (Um)  
450 / 750 V



Cable flexibility  
Rigid



Bending factor when laying  
6 (xD)

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## CHARACTERISTICS

### Construction characteristics

|                                |                     |
|--------------------------------|---------------------|
| Conductor material             | Copper              |
| With Green/Yellow core         | Yes                 |
| Outer sheath                   | PVC                 |
| Type of conductor              | Stranded copper     |
| With smaller neutral conductor | No                  |
| Colour                         | Black / black / red |
| Insulation                     | V-90                |

### Dimensional characteristics

|                                |                     |
|--------------------------------|---------------------|
| Nominal insulation thickness   | 0.8 mm              |
| Number of earth cores          | 1                   |
| Nominal outer sheath thickness | 1.1 mm              |
| Number of cores                | 2                   |
| Earth conductor cross section  | 2.5 mm <sup>2</sup> |
| Conductor cross-section        | 4 mm <sup>2</sup>   |
| Approximate weight             | 18.65 kg/100m       |
| Cable length                   | 100 m               |
| Nominal overall diameter       | 13.9 x 6.3          |

### Electrical characteristics

|   |              |
|---|--------------|
| Inductive reactance at 50Hz                       | 0.152 Ohm/km |
| Max. DC resistance of the conductor at 20°C       | 4.61 Ohm/km  |
| Conductor AC resistance at 50 Hz                  | 5.61 Ohm/km  |
| Insulation resistance at 20°C                     | 12.0 MOhm.km |
| Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> ) | 450 / 750 V  |

### Mechanical characteristics

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

### Usage characteristics

|                               |        |
|-------------------------------|--------|
| Bending factor when laying    | 6 (xD) |
| Bending factor when installed | 4 (xD) |

## SELLING INFORMATION

Full Pallet Quantity 3,200m 32 x 100m Spools