

## FLEXIBLE CORDS 250/440V

### Flexcords



#### Cable description

Multicore Flexcords Ordinary Duty – 250/440V compliant with AS/NZS 3191 and regulatory requirements for Flexible Cords.

#### Application

- 2C: Radios, desk lamps, office machines.
- 3C: Used for extension leads in size 1 mm<sup>2</sup> and above (domestic appliances such as washing machines & dishwashers).
- 4C: Leads for industrial and office equipment requiring a three-phase supply and an earth connection. Interconnecting links between sections of equipment requiring a 4-core cable.
- 5C: Leads for equipment requiring 3-phase and single-phase supply and an earth connection, for example equipment a three-phase motor and single-phase pilot lights.

#### Compliance/Approvals

AS/NZS 3191  
Declared Article certification: ESV180150

#### Behaviour in flame and fire:

Flame retardant

#### Maximum operating temperature

For flexible application: 60 °C  
For installation wiring: 90 °C

#### Minimum bending radius

4D

#### Flexibility

Very flexible

#### Resistance to

- Chemical exposure: Occasional
- Mechanical impact: Light
- Water exposure: Occasional condensation
- Solar radiation and weather exposure: Occasional

#### Cable design

Conductor:  
Stranded circular copper conductor class 5 to AS/NZS 1125

Insulation:  
V-90 according to AS/NZS 3808

Colours:  
2C – Brown, Light Blue  
3C – Brown, Light Blue, Green/Yellow  
4C – Brown, Light Blue, White, Green/Yellow  
5C – Brown, Light Blue, Orange, White, Green/Yellow

Sheath:  
5V-90 according to AS/NZS 3808

Outer sheath colour:  
White  
Grey  
Black  
Orange

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## Physical characteristics

| FLEXCORDS – ORDINARY DUTY |                                   |                                   |                          |
|---------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Product code              | Conductor area<br>mm <sup>2</sup> | Nominal overall<br>diameter<br>mm | Approx. mass<br>kg/100 m |
| 2C CIRCULAR               |                                   |                                   |                          |
| 0.752C0DFX                | 0.75                              | 6.6                               | 6                        |
| 1.02C0DFX                 | 1.0                               | 6.8                               | 6.6                      |
| 1.52C0DFX                 | 1.5                               | 7.8                               | 8.9                      |
| 2.52C0DFX                 | 2.5                               | 9.6                               | 13.6                     |
| 42C0DFX                   | 4                                 | 10.6                              | 18.2                     |
| 2C+E CIRCULAR             |                                   |                                   |                          |
| 0.753C0DFX                | 0.75                              | 6.9                               | 7                        |
| 1.03C0DFX                 | 1.0                               | 7.2                               | 7.9                      |
| 1.53C0DFX                 | 1.5                               | 8.5                               | 11                       |
| 2.53C0DFX                 | 2.5                               | 10.4                              | 17                       |
| 43C0DFX                   | 4                                 | 11.5                              | 22.9                     |
| 3C+E CIRCULAR             |                                   |                                   |                          |
| 0.754C0DFX                | 0.75                              | 7.6                               | 8.4                      |
| 1.04C0DFX                 | 1.0                               | 8.1                               | 9.9                      |
| 1.54C0DFX                 | 1.5                               | 9.5                               | 13.8                     |
| 2.54C0DFX                 | 2.5                               | 11.3                              | 20.6                     |
| 44C0DFX                   | 4                                 | 12.5                              | 28                       |
| 4C+E CIRCULAR             |                                   |                                   |                          |
| 0.755C0DFX                | 0.75                              | 8.5                               | 10.3                     |
| 1.05C0DFX                 | 1.0                               | 8.8                               | 11.6                     |
| 1.55C0DFX                 | 1.5                               | 10.6                              | 16.9                     |
| 2.55C0DFX                 | 2.5                               | 12.6                              | 25.8                     |
| 45C0DFX                   | 4                                 | 14.1                              | 35.7                     |

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