

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 mm² 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 mm ²	Nominal overall diameter mm	Approx. mass 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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