

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:

SV-90 according to AS/NZS 3808

Outer sheath colour:

White

Grey

Black

Orange

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group; any modification or alteration afterwards of product may give different result. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.



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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			
0.752CDDFX	0.75	6.6	6
1.02CDDFX	1.0	6.8	6.6
1.52CDDFX	1.5	7.8	8.9
2.52CDDFX	2.5	9.6	13.6
42CDDFX	4	10.6	18.2
2C+E CIRCULAR			
0.753CDDFX	0.75	6.9	7
1.03CDDFX	1.0	7.2	7.9
1.53CDDFX	1.5	8.5	11
2.53CDDFX	2.5	10.4	17
43CDDFX	4	11.5	22.9
3C+E CIRCULAR			
0.754CDDFX	0.75	7.6	8.4
1.04CDDFX	1.0	8.1	9.9
1.54CDDFX	1.5	9.5	13.8
2.54CDDFX	2.5	11.3	20.6
44CDDFX	4	12.5	28
4C+E CIRCULAR			
0.755CDDFX	0.75	8.5	10.3
1.05CDDFX	1.0	8.8	11.6
1.55CDDFX	1.5	10.6	16.9
2.55CDDFX	2.5	12.6	25.8
45CDDFX	4	14.1	35.7