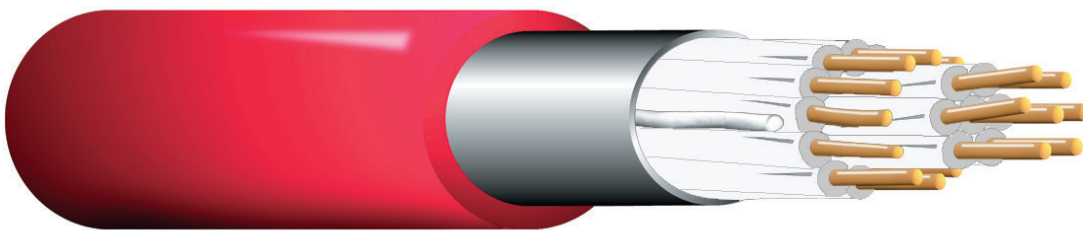


FP200 Gold® Multicore

FIRE RESISTANT MULTICORE CABLE



Certificate No 0776
Certificate No 0776



CABLE DESCRIPTION

Conductor

Plain annealed solid copper conductors to BS EN 60228 class 1.

Insulation

High performance, damage resistant Insudite™ to meet BS EN 50363-5, Type EI5.

Sheath

Robust thermoplastic low smoke, zero halogen and reduced flame propagation outer sheath. Standard colours white and red with bespoke colours available to special order. For external exposure use white sheath. For red sheath use suitable shading protection from UV.

Overall metallic screen and CPC

Polyester backed laminated aluminium tape bonded to outer sheath to provide overall screen. In contact with 0.5mm², tinned annealed copper circuit protective conductor and laid-up with the cores to provide automatic screen earthing.

Key Applications

- > Control cable for circuits that require circuit integrity to BS6387 CWZ only
- > Low Smoke
- > Zero Halogen
- > Reduced flame propagation

British Standards

- > BS7629-1 Construction of screened fire resistant cables
- > BS6387 CWZ Circuit integrity under fire
- > EN 61034-2 Low smoke test
- > EN 50267-2-1 Zero halogen test

Core identification

7-12-19 cores white with printed number.



Temperature
Range
-20 to +70°C



Bending Radius
Fixed r=6D



Mechanical Impact
Medium



Flexibility
Rigid



Halogen Free
BS EN 50267-2-1



Low Smoke Emissions
BS EN 61034-2



Fire Resistance
BS6387 CWZ

Nominal cross sectional area	Conductor Construction	Mean overall diameter	Approximate cable weight	Maximum conductor resistance at 20°C	Current rating DC or single phase AC Enclosed Amps	Current rating DC or single phase AC Clipped direct Amps	Volt drop DC or single phase AC mV/A/m	Recommended accessories Colour - White or Red	
mm ²	no/mm	mm	kg/km	Ω/km				LSOH [®] fixing clips	Nylon LSOH [®] gland

Seven Core

1.0	1/1.13	12.5	200	18.1	13	15	44	AP12	252
1.5	1/1.38	13.5	255	12.1	16.5	19.5	29	AP13	252
2.5	7/0.67	16.5	385	7.4	23	27	18	AP16	254

Twelve core

1.5	1/1.38	17.5	400	12.1	16.5	19.5	29	AP18	254
2.5	7/0.67	21.7	630	7.4	23	27	18	AP22	255

Nineteen Core

1.5	1/1.38	20.5	590	12.1	16.5	19.5	29	AP20	255
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Notes to table

- > Recommended clip spacing 300 mm horizontal and 400mm vertical using only metallic fixings.
- > Minimum recommended installation temperature 0°C. Installation methods for current rating in accordance with BS7671/IET Wiring Regulations.
- > The tabulated ratings are based upon a 30°C ambient temperature and 70°C operating temperature. For other ambient temperatures or where cables are grouped together, appropriate rating factors should be applied.

Temperature ratings factor

Table 4B1

Ambient Temperature°C	25	30	35	40	45	50
Rating factor	1.03	1.00	0.94	0.87	0.79	0.71

Rating Factors for Groupings

Table 4C1

Number of circuits	2	3	4	5	6	7
Rating factor	0.80	0.70	0.65	0.60	0.57	0.54

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For further information please
see our dedicated FP Cables website:
www.fpcables.co.uk



Should you have any concerns about unsafe, non-approved or counterfeit cable, please contact the ACI

Tel: 020 8946 6978
Email: report@aci.org.uk

A brand of the
Prysmian
Group