

2x1.5 SOL CU INSUDITE AL LSOH 0.5kV FP200 BLK

FP200 GOLD. Fire Resistant Cable. BS 7629-1. 300/500 V





Prysmian FP200 GOLD is a **'Standard'** fire resistant cable as defined by fire alarm and emergency lighting British Standards

KEY APPLICATIONS

Fire detection and fire alarm systems for buildings.

Voice alarm systems and emergency voice communication.

Emergency and escape lighting.

Control circuits for life safety and fire fighting systems.

Other essential service control circuits for "Standard" fire resistance.

FEATURES AND BENEFITS

- Fully screened
- Full size CPC in direct contact with screen
- Tough Insudite® insulation compliant with EI5 to BS EN 50363-5
- Low Smoke, Zero Halogen (LSOH®) sheath
- Easy termination
- Designed to meet the requirements of London Underground LUL S1085
- BS 8519 "Control" Category 1, Code of Practice Life Safety and Firefighting
- BS 5839-1 "Standard", Code of Practice Fire Alarms
- BS 5266-1 "Standard", Code of Practice Emergency Lighting
- Manufactured under ISO 9001 Quality management systems

STANDARDS



BS 7629-1 - Standard 30 (2x1.0mm² and 7 cores & above) BS 7629-1 - Standard 60 (2, 3 & 4 cores, 1.5mm² to 4mm²) BS EN 50200 - 30 minutes BS EN 50200 - 60 minutes BS EN 50200 - ANNEX E BS 6387 Category CWZ BS EN 60332-1-2 BS EN 60332-1-2 BS EN 60754-1 Construction Standard Construction Standard Fire Resistant Test - Flame & Shock - 30 Minutes Fire Resistant Test - Flame & Shock - 60 Minutes Fire Resistant Test - Flame, Shock & Water - 30 Minutes Fire Resistant Tests Flame Propagation - Single Cable Smoke emission Corrosive and acid gas



CONSTRUCTION

Conductor material Conductor surface Core insulation material Screen construction Screen Screen material Material outer sheath Cable shape

APPLICATIONS PROPERTIES

Nominal voltage U0 [V]	300
Nominal voltage U [V]	500
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Flame retardant	In accordance with BS EN 60332-1-2
Halogen free	Yes
Low smoke	Yes
Max. conductor temperature [°C]	70
Min. Operation temperature [°C]	-25
UV resistant	Yes
Outdoor installation	Yes
Min. Installation temperature [°C]	0
Max. Installation temperature [°C]	60
Bending radius (rule)	6D

Copper

Crosslinked polymer

Low smoke zero halogen

Metallised foil

Aluminium

Round

Bare

Yes

COLOURS

Insulation: Two Cores: Brown, Blue; Three Cores: Brown, Black, Grey; Four Cores: Blue, Brown, Black, Grey; 7 to 19 Cores: White (with printed numbers); Sheath: Red or White.

CURRENT RATINGS

Refer to table 4D2 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

TECHNICAL DATA

Number of cores	2
Nominal cross section conductor [mm ²]	1.5
Conductor category	Class 1 = solid
Colour outer sheath	Black
Nominal cross section of protective conductor [mm ²]	1.5
Nominal outer diameter [mm]	7.9
Cable weight [kg/km]	91
Conductor resistance at 20° C [Ohm/km]	12.1

*The embodied carbon figure is taken from a single product in the range, for more information on how we calculate our embodied carbon figure visit here:<u>https://uk.prysmiangroup.com/embodied-carbon</u>

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