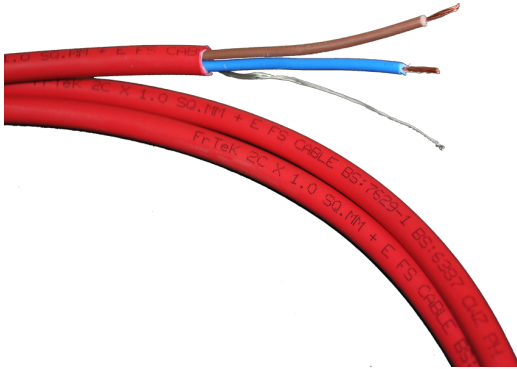




CABLE

FIRE-RESISTANT PH30/PH120



FIRE-RESISTANT CABLE

DESCRIPTION

Fire-resistant cables with Halogen-free compounds are mainly used to install fire alarm and emergency evacuation systems where long-term electrical circuits are required under fire conditions and to prevent loss of life and property.

These cables are suitable for outdoor and underground applications when installed in conduits or tubes. When installed in conduit, all precautions must be taken to prevent water accumulation from the pipes.

Suitable for fixed installation in dry and moist rooms, in, above, on and beneath plaster, in masonry walls and concrete.

Applications include industrial complexes, power stations, communal establishments, hotels, airports, underground railway networks, hospitals and outpatient clinics, department stores, data processing centres, theatres, cinemas, multi-storey buildings, public gatherings, schools, etc. mining works, offshore plants, leading centres, traffic communication, emergency power supply and alarm systems.

FEATURES

- Versatile use for RS485 communication, addressable system and conventional system wiring
- Tested to IEC 60332-1, Cat CWZ to BS6387, BS EN50200
- No short circuit under a direct flame of up to 850°C for the duration equivalent to the rating
- PH30-functionality assures the functional performance of emergency systems up to 30 minutes
- PH120-functionality assures the functional performance of emergency systems up to 120 minutes
- Class 2 stranded copper conductor
- Core wrapping with special mica impregnated glass fibre tape
- Red outer jacket
- Screening with alu-laminated polyester tape and stranded tinned copper drain wire





CABLE

FIRE-RESISTANT PH30/PH120

SPECIFICATIONS

Flame retardant, fire rated security and fire warning cable

Conforms to BSEN50200 and tested to BS6387

Voltage Rating	U_0 / U 300 / 500 V
Cable Construction	Twisted 2C x 1.0 Sq.mm + E
Conductor Resistance	18.1 Ω / km
Outer Diameter	
PH30	7.8 mm
PH120	9.0 mm
Operating Temperature	-15 °C to 70 °C

ORDERING INFORMATION

Product Code	Product Description
FC-2PH30-500	PH30, 2-core, 1 mm, Stranded Cable (500 m), RS485
FC-2PH120-500	PH120, 2-core, 1 mm, Stranded Cable (500 m), RS485

■ **DISCLAIMER:** Although the contents of our product literature have been prepared with the greatest care, Technoswitch can accept no liability whatsoever for any direct or indirect damages of any kind that may arise due to either errors or omissions in them, or amendments to products or other specifications following publication.
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Document: DS/FC-2PH Cable 211130 E & OE