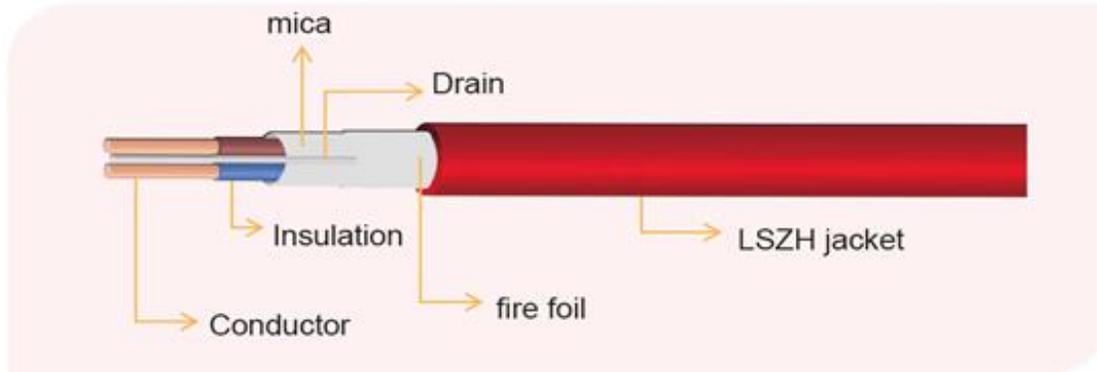




# Minpor

## FIRE RESISTANT CABLE



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### Overview:

Fire-resistant cables are suitable for tall buildings, entertainment venues, and many high-quality and high-demand security construction projects. They are used in fire protection systems for fire elevators, fire pumps, fire alarms, smoke exhaust systems, emergency lighting, fire hazard areas, high-temperature applications, and special requirements on power supply lines for safe facilities, etc.

### Description:

Conductor, Mica Tape, Insulation, CPC, Al Foil and outer sheath.

1 Sq.mm @ 2 cores solid conductor

1.5 Sq.mm @ 1, 2 & 3 cores solid conductor

2.5 Sq.mm @ 1, 2 & 3 cores solid conductor

### Test Standard:

- ❖ BS 7629-1:2015 Enhanced 120
- ❖ BS 6387:2013 CWZ
- ❖ BS 5839-1:2013 26.2e

### Test Description:

- ❖ BS 7629-1:2015 Clause 15.4 – Flame propagation on a single cable
- ❖ BS 7629-1:2015 Clause 15.5 – Smoke Emission
- ❖ BS 7629-1:2015 Clause 15.6.4 – Resistance to fire: Category Enhanced 120
- ❖ BS 7629-1:2015 Clause 15.6.4 – Resistance to fire: BS 8434-2:2003+A2:2009
- ❖ BS 7629-1:2015 Clause 16.2 Corrosive and acid gas
- ❖ BS 6387:2013 Cat C – Resistance to fire alone
- ❖ BS 6387:2013 Cat W – Resistance to fire with water
- ❖ BS 6387:2013 Cat Z – Resistance to fire with mechanical shock

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**Parameter:**

Shielded Fire Resistance Cable	2C x 1.0mm <sup>2</sup>	2C x 1.5mm <sup>2</sup>	2C x 2.5mm <sup>2</sup>
<b>Conductor:</b>			
Material	BC	BC	BC
Diameter (mm)	2x1/1.13mmBC	2x1/1.38mmBC	2x1/1.78mmBC
Wrapping	mica tape	mica tape	mica tape
<b>Insulation:</b>			
Material	LSZH	LSZH	LSZH
Thickness(mm)	0.6mm	0.8mm	0.8mm
Insulation Dia.(mm)	2.9mm ± 0.05	3.5mm ± 0.05	4.3mm ± 0.05
Insulation Color	1 Red, 2 Black	1 Red, 2 Black	1 Red, 2 Black
PE Tape	No	No	No
Aluminum Tape	Yes	Yes	Yes
Drain Wire	Yes, 1/0.4mmBC	Yes, 1/0.4mmBC	Yes, 1/0.4mmBC
Nylon Rip Cord	No	No	No
<b>Jacket</b>			
Material	LSZH	LSZH	LSZH
Jacket Thickness(mm)	0.9mm	1mm	1mm
Dia.(mm)	8.0±0.05	9.5±0.05	10.5±0.05
Jacket Color	Red / White	Red / White	Red / White



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