

## Fire Resistant Cable



### Technical data

- **Temperature range:** -40 °C to 90 °C
- **Rated voltage:** 300/500 V
- **Test voltage:** 5000 V
- **Minimum bending radius:**  
6 x cable diameter

### Cable structure

- Plain annealed copper solid (1.0 - 2.5 mm<sup>2</sup>) or stranded (4.0 mm<sup>2</sup>) complying with B6360 class 1 or class 2.
- Insulation: Silicone rubber
- Screen: Al-PET foil + drain wire
- Sheath: LSOH

### Standard

- BS 7629-1
- BS 6387 CWZ
- BS 5839-1 CLAUSE 26.2
- BS EN 50200 PH 30
- BS 8434-1

### Application

The fire resistant cable is for fixed installation in fire alarm and emergency lighting circuits where circuit integrity must be maintained; its low smoke and zero halogen features makes it suitable for installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment.

NO. of Cores	Cross Section mm <sup>2</sup>	Conductor Construction NO. x mm	Outer Diameter mm	Max. Conductor Resistance Ohm/km
2	1.0	1/1.13	8.0	18.1
2	1.5	1/1.38	8.1	12.1
2	2.5	1/1.78	9.5	7.4
2	4.0	7/0.85	11.6	4.6
3	1.0	1.1.13	8.2	18.1
3	1.5	1/.138	8.4	12.1
3	2.5	1/1.78	10.4	7.4
3	4.0	7/0.85	12.3	4.6
4	1.0	1/1.13	8.5	18.1
4	1.5	1/1.38	10	12.1
4	2.5	1/1.78	11.9	7.4
4	4.0	7/0.85	13.5	4.6