



CB-0701
CB-0702
CB-0704
CB-0706

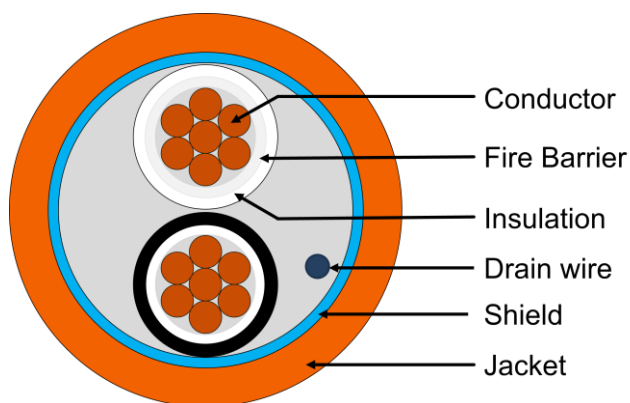


FIRE RESISTANT SHIELDED TWISTED PAIR CABLE

Scope of Applications

LINK Fire Resistant Shielded Twisted Pair Cable, designed to be suitable for fire alarm building and industrial management systems comply to BS6387 Cat CWZ. ensuring resistance to fire alone, fire with water, and fire with mechanical shock. It is suitable for use in fire alarm systems, smoke detectors, alarm bells, exit and emergency lighting, central fire control systems, control circuits, and security applications

Drawing



Technical Standards

- IEC 60502-1, IEC 60228 Class 2
- BS EN 50288-7, BS 6360 Class 2
- IEC 60331-21, BS 6387 Cat CWZ
- IEC 60332-3-22
- IEC 60754-1, IEC 60754-2
- IEC 61034-2
- RoHS compliant

Applications Support

- Fire Alarm System
- Smoke Detector
- Bell or Exit lighting
- Critical Central Fire Systems
- Control Circuits
- Security system

Cable Construction

Conductor	Material	Annealed Stranded Bare Copper (IEC 60228 Class 2)
Fire Resistant Barrier	Material	Double layer of mica tape covers the conductor
Insulation	Material	Cross-linked polyethylene (XLPE)
	Color	Black and White
Shielded	Material	AL/Mylar
Drain wire	Material	Tinned annealed copper wire
Jacket	Material	Low Smoke Zero Halogen (LSZH)
	Color	Orange

Technical Specification

Part Number	No. of pair	Conductor Diameter (mm ²)	Insulation Diameter (mm)	Jacket Thickness (mm)	Jacket Diameter (mm)	Conductor Resistance (Ohms/km)
CB-0701	1	1.5	3.40 ±0.30	1.30 ±0.05	9.30 ±0.40	≤ 12.10
CB-0702	1	2.5	4.10±0.30	1.40 ±0.05	10.70 ±0.50	≤ 7.41
CB-0704	1	4.0	4.60±0.30	1.50 ±0.05	12.10 ±0.50	≤ 4.61
CB-0706	1	6.0	5.20±0.30	1.60 ±0.05	13.50 ±0.50	≤ 3.08

Special Feature Parameters

Operating Temperature	-15°C to 90°C
Installation Temperature	-0°C to 50°C
Short Circuit Temperature	250 °C
Rate Voltage	300/500V
Minimum Bending Radius	≥ 6x OD
Voltage Test	2000 V/min
Min. Insulation resistance at 20°C	2000 Ohm/km
Fire Resistant Test (SS299/BS6387 Cat CWZ)	No rupture of the fuse at 950°C for 3 hours
Reference Standard	IEC 60502-1, BS 6360 Class2 BS EN 50288-7
Circuit Integrity	IEC 60331-21, BS 6387 -Cat C, W, Z
Flame resistance	IEC 60332-3-22
Halogen-free	IEC 60754-1, IEC 60754-2
Low Smoke Density	IEC 61034-2

Order Information

Part number	Description	Color	Length	Package
CB-0701	Fire Resistant, SHIELDED 2 X 1.5 mm ² , 1 P. Cable	Orange	500 m	Roll.
CB-0702	Fire Resistant, SHIELDED 2 X 2.5 mm ² , 1 P. Cable	Orange	500 m	Roll.
CB-0704	Fire Resistant, SHIELDED 2 X 4.0 mm ² , 1 P. Cable	Orange	500 m	Roll.
CB-0706	Fire Resistant, SHIELDED 2 X 6.0 mm ² , 1 P. Cable	Orange	500 m	Roll.

Specifications subject to change without notice.

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