



CB-0801S
 CB-0802S
 CB-0804S
 CB-0806S
 CB-0801S-1
 CB-0802S-1
 CB-0804S-1
 CB-0806S-1

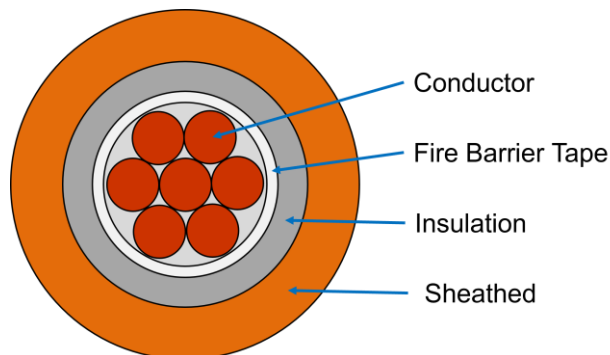


Fire Resistant, Insulated, Sheathed, 1 Core Cable

Scope of Applications

LINK Fire Resistant Cable, designed to be suitable for fire alarm building and industrial management systems comply to BS6387 Cat CWZ. XLPE Insulation for high operation temperatures, thermal short circuit rating and durability. The outer sheathed material made from LSZH compound reduces the amount of toxic smoke and corrosive gas emitted during burning, for users' safety and increases the safety of firefighting operations.

Drawing



Technical Standards

- IEC 60502-1, BS 7211
- IEC 60228 Class 2
- IEC 60331, SS299 Cat CWZ, BS6387 Cat CWZ
- IEC 60332-1, IEC 60332-3
- IEC 61034-2
- IEC 60754-1, IEC 60754-2
- 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
Fire Barrier Tape	Material	Mica Glass tape covers the conductor
Insulation	Material	Cross-Linked Polyethylene (XLPE)
	Color	Grey
Sheathed	Material	Low Smoke Zero Halogen (LSZH)
	Color	Orange

Technical Specification

Part Number	No. of Cond.	Conductor Diameter (mm ²)	Insulation Thickness (mm)	Insulation Diameter (mm)	Sheathed Thickness (mm)	Sheathed Diameter (mm)	Conductor Resistance (Ohms/km)
CB-0801S	1	1.5	0.7 ±0.05	3.80 ±0.05	1.40 ±0.05	6.70 ±0.40	≤ 12.10
CB-0802S	1	2.5	0.7 ±0.05	4.25±0.05	1.40 ±0.05	7.10 ±0.40	≤ 7.41
CB-0804S	1	4.0	0.7 ±0.05	4.80 ±0.05	1.40 ±0.05	7.70 ±0.40	≤ 4.61
CB-0806S	1	6.0	0.7 ±0.05	5.40 ±0.05	1.40 ±0.05	8.20 ±0.40	≤ 3.08

Special Feature Parameters

Rate Temperature	-15°C to 90°C
Installation Temperature	-0°C to 50°C
Short Circuit Temperature	250 °C
Rate Voltage	600/1000V
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 7211
Circuit Integrity:	IEC 60331, SS 299-1 Cat CWZ, BS 6387 Cat CWZ
Flame resistance:	IEC 60332-1, IEC 60332-3
Halogen-free:	IEC 60754-1
Corrosive gas-free:	IEC 60754-2
Low Smoke Density:	IEC 61034-2

Order Information

Part number	Description	Color	Length	Package
CB-0801S	Fire Resistant, Insulated, Sheathed 1.5 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0802S	Fire Resistant, Insulated, Sheathed 2.5 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0804S	Fire Resistant, Insulated, Sheathed 4.0 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0806S	Fire Resistant, Insulated, Sheathed 6.0 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0801S-1	Fire Resistant, Insulated, Sheathed 1.5 mm ² 1 C. Cable	Orange	100 m	Easy Box.
CB-0802S-1	Fire Resistant, Insulated, Sheathed 2.5 mm ² 1 C. Cable	Orange	100 m	Easy Box.
CB-0804S-1	Fire Resistant, Insulated, Sheathed 4.0 mm ² 1 C. Cable	Orange	100 m	Easy Box.
CB-0806S-1	Fire Resistant, Insulated, Sheathed 6.0 mm ² 1 C. Cable	Orange	100 m	Easy Box.

Specifications subject to change without notice.

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