



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

LINK AMERICAN CABLING

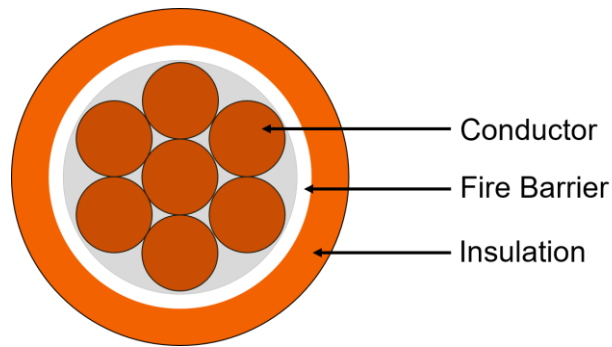


FIRE RESISTANT, INSULATED, Non-Sheathed, 1 Core Cable

Scope of Applications

LINK Fire Resistant Cable is designed for fire alarm systems and industrial management systems, complying with BS6387 Cat CWZ. It features XLPE insulation for high operating temperatures, thermal short circuit rating, and durability.

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	XLPE with LSZH
	Color	Orange

Technical Specification

Part Number	No. of Cond.	Conductor Diameter (mm ²)	Insulation Thickness (mm)	Insulation Diameter (mm)	Conductor Resistance (Ohms/km)
CB-0801	1	1.5	0.70 ±0.05	3.80 ±0.05	≤ 12.10
CB-0802	1	2.5	0.80 ±0.05	4.40±0.05	≤ 7.41
CB-0804	1	4.0	0.80±0.05	5.00 ±0.05	≤ 4.61
CB-0806	1	6.0	0.80 ±0.05	5.50 ±0.05	≤ 3.08

Special Feature Parameters

Operating Temperature	-15°C to 110°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-0801	Fire Resistant, Insulated, Non-Sheathed, 1.5 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0802	Fire Resistant, Insulated, Non-Sheathed, 2.5 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0804	Fire Resistant, Insulated, Non-Sheathed, 4.0 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0806	Fire Resistant, Insulated, Non-Sheathed, 6.0 mm ² 1 C. Cable	Orange	500 m	Roll.
CB-0801-1	Fire Resistant, Insulated, Non-Sheathed, 1.5 mm ² 1 C. Cable	Orange	100 m	Easy Box.
CB-0802-1	Fire Resistant, Insulated, Non-Sheathed, 2.5 mm ² 1 C. Cable	Orange	100 m	Easy Box.
CB-0804-1	Fire Resistant, Insulated, Non-Sheathed, 4.0 mm ² 1 C. Cable	Orange	100 m	Easy Box.
CB-0806-1	Fire Resistant, Insulated, Non-Sheathed, 6.0 mm ² 1 C. Cable	Orange	100 m	Easy Box.

Specifications subject to change without notice.

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