



CB-0801

CB-0801-1

CB-0802

CB-0802-1

CB-0804

CB-0804-1

CB-0806

CB-0806-1

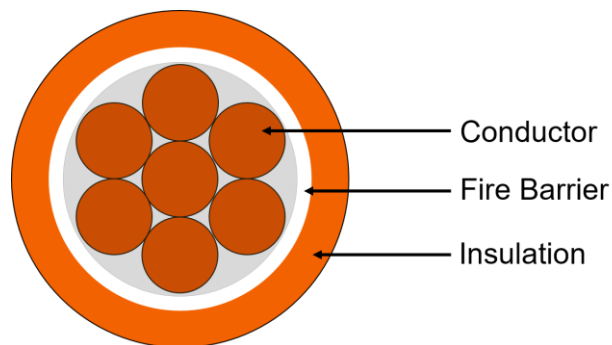


FIRE RESISTANT, INSULATED, Non-Sheathed, 1 Core Cable

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
	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

Rate Temperature	-15°C to 110°C
Installation Temperature	-0°C to 50°C
Rate Voltage	600/1000V
Minimum Bending Radius	≥ 6x OD
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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CB-080X-V1.1-111224