

System



- CB-0021
- CB-0025
- CB-0040
- CB-0060
- CB-0021-1
- CB-0025-1
- CB-0040-1
- CB-0060-1

LINK AMERICAN STANDARD

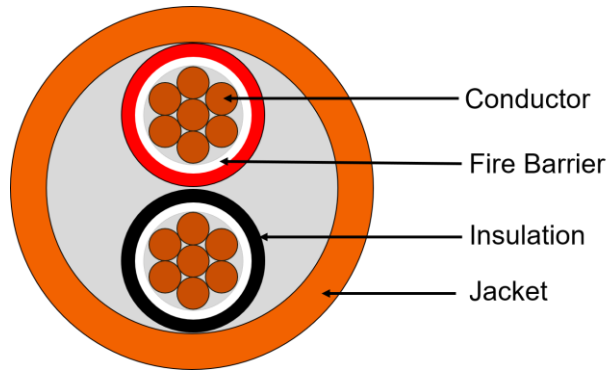


FIRE RESISTANT CABLE

Scope of Applications

LINK Fire Resistant Cable, designed to be suitable for fire alarm building and industrial management systems comply to BS6387 Cat CWZ.

Drawing



Technical Standards

- BS6387 Category CWZ, IEC 60228 Class 2
- IEC 60331-21, IEC 60332-1, IEC 60332-3-24
- IEC 61034-1, IEC 61034-2
- IEC 60754-1, IEC 60754-2
- IEC 60288, IEC 60502-1
- ASTM D2863

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 Resistant Barrier	Material	Double layer of mica tape covers the conductor
Insulation	Material	Cross-linked polyethylene (XLPE)
	Color	Black and Red
Jacket	Material	Low Smoke Zero Halogen (LSZH)
	Color	Orange

TECHINCAL SPECIFICATION

Part Number	No. of Cond.	Conductor Diameter (mm ²)	Insulation Thickness (mm)	Insulation Diameter (mm)	Jacket Thickness (mm)	Jacket Diameter (mm)	Conductor Resistance (Ohms/km)	Capacitance (pF/m)
CB-0021, CB-0021-1	2	1.5	0.7 ±0.05	4.2 ±0.05	0.80 ±0.05	10.2 ±0.3	≤ 12.10	31.5 ±5
CB-0025, CB-0025-1	2	2.5	0.8 ±0.05	4.8±0.05	1.00 ±0.05	11.8 ±0.3	≤ 7.41	31.5 ±5
CB-0040, CB-0040-1	2	4.0	0.8 ±0.05	5.2 ±0.05	1.00 ±0.05	12.6 ±0.3	≤ 4.60	31.5 ±5
CB-0060, CB-0060-1	2	6.0	1.0 ±0.05	5.8 ±0.05	1.20 ±0.05	14.2 ±0.3	≤ 3.08	31.5 ±5

ELECTRICAL CHARACTERISTIC

Voltage Test	2000 V/min
Min. Insulation resistance at 20°C	2000 Ohm/km
Fire Resistant Test (SS299/BS6387 Cat CWZ)	No rupture of fuse at 950°C for 3 hours
Installation temperature	-5°C to 75°C
Operation temperature	-40°C to 105°C

Order Information

Part number	Description	Color	Length	Package
CB-0021	LINK Fire Resistant Cable 2x1.5 mm ² , 15 AWG	Orange	500 m	Roll.
CB-0025	LINK Fire Resistant Cable 2x2.5 mm ² , 13 AWG	Orange	500 m	Roll.
CB-0040	LINK Fire Resistant Cable 2x4 mm ² , 11 AWG	Orange	500 m	Roll.
CB-0060	LINK Fire Resistant Cable 2x6 mm ² , 9 AWG	Orange	500 m	Roll.
CB-0021-1	LINK Fire Resistant Cable 2x1.5 mm ² , 15 AWG	Orange	100 m	Roll.
CB-0025-1	LINK Fire Resistant Cable 2x2.5 mm ² , 13 AWG	Orange	100 m	Roll.
CB-0040-1	LINK Fire Resistant Cable 2x4 mm ² , 11 AWG	Orange	100 m	Roll.
CB-0060-1	LINK Fire Resistant Cable 2x6 mm ² , 9 AWG	Orange	100 m	Roll.

Specifications subject to change without notice.

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