

System



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

LINK AMERICAN STANDARD

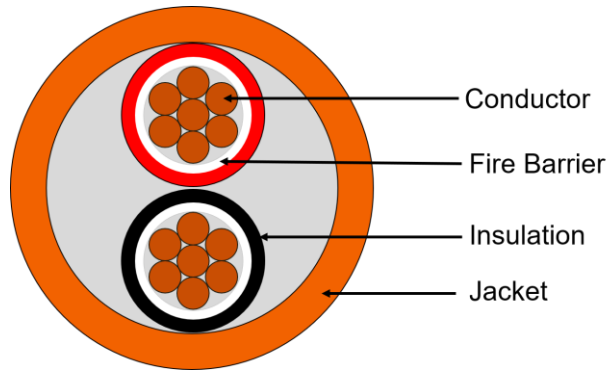


## FIRE RESISTANT CABLE

### 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

<b>Conductor</b>	<b>Material</b>	Annealed Stranded Bare Copper
<b>Fire Resistant Barrier</b>	<b>Material</b>	Double layer of mica tape covers the conductor
<b>Insulation</b>	<b>Material</b>	Cross-linked polyethylene (XLPE)
	<b>Color</b>	Black and Red
<b>Jacket</b>	<b>Material</b>	Low Smoke Zero Halogen (LSZH)
	<b>Color</b>	Orange

## TECHINCAL SPECIFICATION

Part Number	No. of Cond.	Conductor Diameter (mm <sup>2</sup> )	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

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

## Order Information

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

Specifications subject to change without notice.

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