



FIRE RESISTANT CABLE

LSZH FIRE RESISTANT INSTRUMENT CABLE

APPLICATION

- Fire alarm systems
- Emergency lighting
- Data centers
- Public infrastructure

KEY FEATURES

- IEC60331 / BS6387
- LSZH low smoke
- High durability
- EMI shielding

STANDARDS

IEC60331 / BS6387 / EN50200 / IEC60332 /
IEC60754 / IEC61034

CABLE CONSTRUCTION

Item	Specification
Conductor	Stranded copper Class 2
Insulation	Silicone rubber
Screen	Al foil + drain wire
Sheath	LSZH
Color	Orange RAL2003

INSTALLATION

Install: ≥0°C
Operate: -20~90°C
Bend radius: ≥6D

PRODUCT LIST

Part No.	Description	Outer diameter (mm)	Copper Index (kg/km)	Weight (kg/km)
04020110	1x2x1.0mm ²	7	19.4	31
04020115	1x2x1.5mm ²	7.7	29.2	46.7
04020125	1x2x2.5mm ²	8.4	48.6	77.8
04020210	1x3x1.0mm ²	8.3	29.2	46.7
04020215	1x3x1.5mm ²	9.3	43.7	69.9
04020225	1x3x2.5mm ²	10.3	72.9	116.6
04020310	4x1.0mm ²	10	38.9	62.2

CASITEK | FIRE RESISTANT CABLE

04020315	4x1.5mm ²	11.3	58.3	93.3
04020325	4x2.5mm ²	12.7	97.2	155.5
04020340	4x4.0mm ²	14.3	155.2	248.3
04020415	5x1.5mm ²	12.5	72.9	116.6

PERFORMANCE TABLE – FIRE RESISTANT CABLE

Parameter	Value	Standard
Rated Voltage	300/500V	IEC
Test Voltage	2000V	IEC
Fire Resistance	IEC60331	
Flame Retardant	IEC60332	
Halogen Free	IEC60754	
Smoke Density	IEC61034	