



FIRE RESISTANT CABLE

LSZH FIRE RESISTANT INSTRUMENT CABLE

APPLICATION

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

KEY FEATURES

- IEC60331 / BS6387 / EN50200
- LSZH low smoke
- High durability
- EMI shielding

STANDARDS

IEC60331 / BS6387 / EN50200 / IEC60332 / IEC60754 / IEC61034

CABLE CONSTRUCTION

Item	Specification
Conductor	Stranded copper Class 2
Insulation	Ceramic silicone rubber
Fire barrier	Mica tape
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.	Number of cores and mm2 per conductor	Outer diameter (mm)	Copper Index (kg/km)	Weight (kg/km)
43010110	1x2x1.0 mm ²	7.2	17.8	24
43010210	2x2x1.0 mm ²	8.5	35.6	48.1
43010310	3x2x1.0 mm ²	9.5	53.4	72.1
43010410	4x2x1.0 mm ²	10.5	71.2	96.1
43010610	6x2x1.0 mm ²	12.5	106.8	144.2

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43010710	7x2x1.0 mm ²	13.5	124.6	168.2
43010810	8x2x1.0 mm ²	14.5	142.4	192.2
43011010	10x2x1.0 mm ²	16.5	178	240.3
43011210	12x2x1.0 mm ²	18.5	213.6	288.4
43011410	14x2x1.0 mm ²	20	249.2	336.4
43011510	15x2x1.0 mm ²	21	267	360.5
43011610	16x2x1.0 mm ²	22	284.8	384.5
43011910	19x2x1.0 mm ²	23.5	338.2	456.6
43012010	20x2x1.0 mm ²	24.5	356	480.6
43012410	24x2x1.0 mm ²	26.5	427.2	576.7
43010115	1x2x1.5 mm ²	7.5	32	43.2
43010215	2x2x1.5 mm ²	9	53.4	72.1
43010315	3x2x1.5 mm ²	10.5	80.1	108.1
43010415	4x2x1.5 mm ²	11.5	106.8	144.2
43010515	5x2x1.5 mm ²	12.5	133.5	180.2
43010615	6x2x1.5 mm ²	13.5	160.2	216.3
43010715	7x2x1.5 mm ²	14.5	186.9	252.3
43010815	8x2x1.5 mm ²	15.5	213.6	288.4
43011015	10x2x1.5 mm ²	17.5	267	360.5
43011215	12x2x1.5 mm ²	19.5	320.4	432.5
43011415	14x2x1.5 mm ²	21.5	373.8	504.6
43011515	15x2x1.5 mm ²	22.5	400.5	540.7
43011615	16x2x1.5 mm ²	23.5	427.2	576.7
43011915	19x2x1.5 mm ²	25.5	507.3	684.9
43012015	20x2x1.5 mm ²	26.5	534	720.9
43012415	24x2x1.5 mm ²	28.5	640.8	865.1
43010125	1x2x2.5 mm ²	8.9	44.5	60.1
43010225	2x2x2.5 mm ²	10.5	89	120.2
43010325	3x2x2.5 mm ²	12	133.5	180.2
43010425	4x2x2.5 mm ²	13.5	178	240.3
43010625	6x2x2.5 mm ²	15.5	267	360.5
43010725	7x2x2.5 mm ²	16.5	311.5	420.5
43010825	8x2x2.5 mm ²	17.5	356	480.6
43011025	10x2x2.5 mm ²	19.5	445	600.8
43011225	12x2x2.5 mm ²	21.5	534	720.9
43011425	14x2x2.5 mm ²	23.5	623	841.1
43011525	15x2x2.5 mm ²	24.5	667.5	901.1
43011625	16x2x2.5 mm ²	25.5	712	961.2
43011925	19x2x2.5 mm ²	27.5	845.5	1141.4
43012025	20x2x2.5 mm ²	28.5	890	1201.5
43012425	24x2x2.5 mm ²	30.5	1068	1441.8

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	