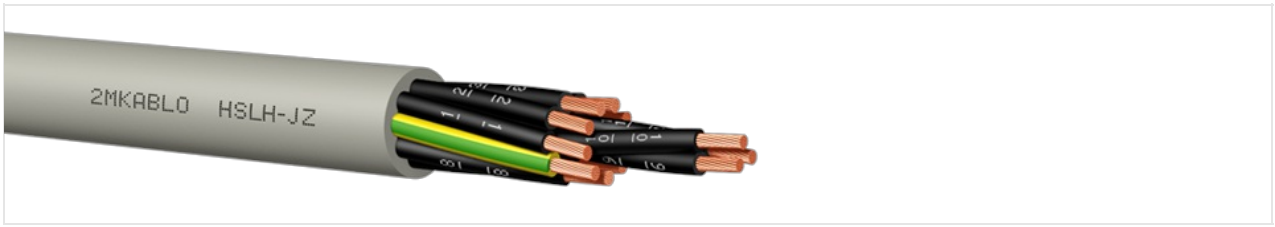
HSLH-JZ



Areas of Use

These types of HFFR cables are used in office equipment, electronic control systems, air condition systems, power stations, engineering projects for control, vision and measurement purposes. These can be used in wet or dry indoor applications. Because of the HFFR material, These don't burn easily and when These do, the flames go off by themselves. These have low smoke density and These don't emit poisonous and corrosive gases during a fire. These used in buildings where there are important goods or human population.

Cable Construction

Conductor	Stranded Annealed Copper (IEC/EN 60228, Class 5)
Insulation	HFFR (EN 50290-2-26)
Core Colors	Black (white numbered) Green-Yellow earth core in the outer layer (3 cores and above)
Lay-up	Cores are stranded in layers
Outer Sheath	HFFR (EN 50290-2-27), RAL 7001 - Grey
Reference Standards	TS 13734

Technical Properties

Operating Voltage	0.50 mm²..1.50 mm² 300 V / 500 V; 2.50 mm²..... 450 V / 750 V
Test Voltage	2500 V
Conductor Resistance	0.50 mm² - ≤39 Ω/km; 0.75 mm² - ≤26 Ω/km; 1.00 mm² - ≤19.5 Ω/km; 1.50 mm² - ≤13.3 Ω/km; 2.50 mm² - ≤7.98 Ω/km
Insulation Resistance	>200 M.Ωxkm
Temperature Range	Fixed: -30 °C .....+70 °C, Flexible: -5 °C .....+70 °C
Smoke Density	IEC/EN 61034-2
Amount of Halogen Acid Gas	IEC/EN 60754-1
Corrosive Gases Measurement	IEC/EN 60754-2
Min. Bending Radius	Fixed: 8 x Cable Diameter, Flexible: 15 x Cable Diameter

Cross Section

Configuration / Cross-Section (mm/mm²)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
3x1	6.0	25	68
3x1.5	7.0	38	93
3x2.5	8.2	62	137
5x1	7.1	42	108
5x1.5	9.0	64	141
5x2.5	10.4	105	213
7x1	7.8	59	130
7x1.5	9.5	89	182
7x2.5	11.3	146	273

12x1	11.0	103	231
12x1.5	13.0	153	323
12x2.5	14.8	252	428
18x1	12.5	155	327
18x1.5	15.0	235	458
18x2.5	17.4	378	622
24x1	14.8	208	455
24x1.5	17.9	307	557

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