HSLHCH-JZ



Areas of Use

These Halogen Free Flame Retardant cables (screened) are used for 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 the fire. They are 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
Inner Sheath	HFFR (EN 50290-2-27)
Screen	Tinned Copper Wire Braid
Outer Sheath	HFFR (EN 50290-2-27), RAL 7001 - Grey
Reference Standards	TSE K 373

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
Transfer Impedance	≤250m Ω/m (30MHz)
Temperature Range	Fixed: -30 °C .....+70 °C, Flexible: -5 °C .....+70 °C
Flame Retardancy	IEC/EN 60332-1
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: 10 x Cable Diameter, Flexible: 15 x Cable Diameter

11.11.2026 16:31

Legal Warning: The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice.This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.
If you need more information about the products in this catalog, please contact us via info@2mkablo.com or call +90 (212) 222 8250.