

LSZH CABLE

LOW SMOKE ZERO HALOGEN

LSZH cable can be used and installed in places where safety, performance and concern for the environment are important. LSZH cable is flexible, flame-retardant and resistant to oil and sunlight.



The increasing demand of LSZH cables has been driven by published concerns for safety of humans and electronic circuits during fire, the protection of the ozone layer, non-toxic elements to water table and landfills when discarded, and an increase in requirements/specifications by the European and the International communities.

LSZH cables mean the insulation and jacket compound are free of halogenated materials like Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I) and Astatine (At), which are reported to be capable of being transformed into toxic and corrosive matter during combustion or decompositions in landfills.

During combustion, LSZH cables produce low levels of halogen gases, which have a minimal effect on the human respiratory system when inhaled, as well as a low level of hydrogen Chloride (HCl), which is non-damaging to electronic circuits or machinery. Also, a low level of white smoke is generated, improving visibility by increasing the chances of people to visually find their way out to safety during fire.



Specifications

Core: 8 x 7 x 0.182

Resistance: 94.6 Ohms/Km

Conductor Area: 0.182mm²

Current Rating: 1 Amp

Max Voltage: 50V

Core Insulation: FR-LSZH (105°C)

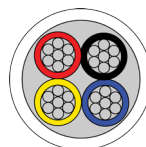
Sheathing: FR-LSZH (105°C)

Operating Temp: -40°C to +70°C

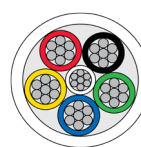
Screening: Aluminium / pet foil

Drain wire: Soft tinned copper

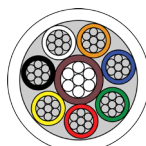
Available cable sizes



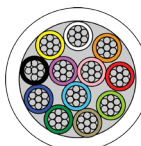
4 Core



6 Core



8 Core



12 Core

- 20 Years experience of alarm cable manufacturing in the United Kingdom
- Wide range of cable types; standard, screened, low smoke & fume, twisted pair and power & data
- User friendly, easy to strip & pliable in use



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