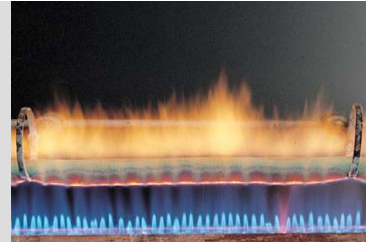


LSZH Saves Lives

- Cables that produce heavy amounts of smoke are very dangerous.
- More people in fires die from smoke inhalation than any other cause. Therefore, LSZH can save lives.

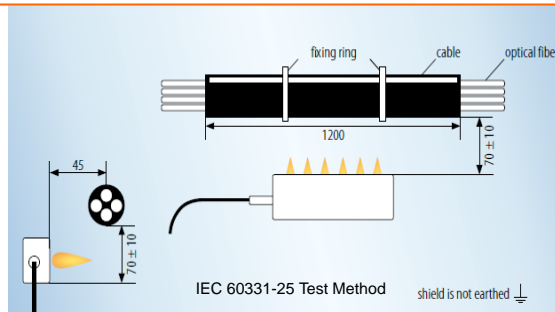


- FIRECARE series include optical fiber and copper cables.
- Manufactured from fire resistant / fire retardant and LSZH materials.
- Comply with related international standards and are tested by accredited laboratory.

Fire Resistant Test for Optical Fiber Cable

IEC 60331-25:1999

- Fire Test at 750°C for 90 minutes
- No signal loss and fiber break
- Maximum 0.04dB per fiber during fire test



Fire Retardant Test

IEC 60332-1-2:2004

IEC 60332-3-24:2000

This flame test evaluates the non propagation of fire of a bunch of cables. The test samples comprise a number of pieces of cable each 3.5 m long to have the required quantity of combustible material per meter of mounted cables. The cables are subjected to burning by horizontal flame for a specified time.

Corrosive and Acid Gas Emission Test

IEC 60754-1:1994

IEC 60754-2:1991+A1:1997

This test allows estimation of corrosiveness against metals of products released when cables burn. Samples are burned in a tubular oven and the gases evolved during combustion are collected into wash bottles.

Flammability Test

ASTM D-2863-1997

Test method for measuring the min oxygen concentration to support candle-like combustion of plastics (oxygen index)

Smoke Emission Test

IEC 61034-2:2005

In a 3 m cube metal cabinet samples of cables are burned by 100 cm³ of alcohol contained in a metal tray. A photometric system is based on a light source and a photocell placed horizontally in the mid vertical plane of cube, at 2.15m height.

