

Fire Retardant Cable (Cu / Mica /XLPE / LSZH) - 950 °C

Multicores Stranded copper conductor Mica Glass tape insulated XLPE 90°C&Sheating LSOH90°C 0.6/1kV

Application:

Fire safety is one of the top priorities in today's building infrastructure safety. A fire once spread out of control, can quickly cause extensive damage to the property and ultimately to human lives. Ideally, all measures should be in place to ensure that a fire never occurs, but in the event that a fire has been ignited, every precaution should already be in place to ensure that it is contained quickly. This is where TechLine/Amwaj Low Smoke Zero Halogen (LSZH), Flame Retardant and Fire Resistant Cables come into play.

Applicable Standards:

TechLine/Amwaj Stranded SC –Mica Glass Tape -XLPE-LSOH are designed and tested according to the following requirements standards:

Main construction: IEC60502-1

Circuit Integrity: BS 6387 Cat C.W.Z., IEC 60331

Flame Propagation: IEC 60332/ BS EN 50265

Acid Gas Emission: IEC 60754, BS EN 50267

Smoke Emission: IEC 61034, BS EN 61034

Specification:

Conductor

Stranded annealed copper conductor class 2 according to BS EN 60228 and IEC 60228.

Fire Resistant Barrier

Mica glass tape applied over the conductor.

Insulation

Cross linked polyethylene (XLPE) insulation rated 90 °C at normal operation according to BS7655-1.3 requirements for Type GP8 and comply with IEC 60502-1.

Assembly:

The insulated cores are uniformly twisted together to form the cable core.

Core colors:

Standard core color will be as follow:

Two cores: Red and Black

Three cores: Red, Yellow and Blue

Four cores: Red, Yellow, Blue and Black

Sheath:

Solid extruded low smoke zero halogen (LSOH) with temperature rating 90 °C at normal operation applied over the laid up assembled cores according to IEC 60502-

Flame retardancy:

Stranded cables 0.6/1 kV have been tested and approved with the flame performance standards IEC 60332/ BS EN 50265.

Packing:

Available in standard length of 1000 meters on wooden drum (Other lengths are available upon request).

Marking

TechLine/Amwaj 2*2.5 mm² CU/MICA/XLPE/LSOH 0.6/1 kV IEC60502-1/ IEC 60332/IEC 60754/ IEC 61034

