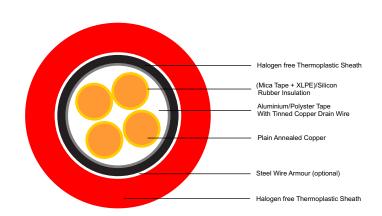


FIRE RESISTANCE CABLE (XLPE / SILICON INSULATED)



The cables are designed, manufactured and tested as data transmission cables for emergency services. These are used for data and voice transmission when high frequency signal has to be assured also in the event of a fire.

Standards - Basic design to BS 50288-7, BS 7629, IEC 60332-3, IEC 60331



IMPROVED FIRE PERFORMANCE TEST

Circuit Integrity Test As per IEC 60331,

BS 6387

Flame Retardant Test on Bunched Cable As per IEC 60332-3,

IEC 60332-1, IS

10810

Halogen Gas Emission Test As per IEC 60754-1

Oxygen Index Test As per ASTM D 2863

Temperature Index Test As per ASTM D 2863

Smoke density test As per ASTM D 2843

CABLE CONSTRUCTION

Conductor : Plain annealed copper wire,

stranded according to IEC(EN)

60228 Class 2

Insulation : Mica glass tape covered with

extruded cross-linked XLPE compound or Fire resistant silicone

rubber compound

Cabling : The Cores are cabled together in

concentric layers with suitable

Non-Hygroscopic fillers.

Overall Screen : Aluminium/Polyester tape with 0.5

Sqmm screen(7/0.3mm) with

Tinned Copper drain wire.

Inner Sheath(Optional): Thermoplastic LSZH compound

type LTS3 as per BS 7655-6.1

Armouring (Optional) : Galvanized steel wire armour

Outer Sheath : Thermoplastic LSZH compound

type LTS3 as per BS 7655-6.1

Voltage Rating : 500V

COLOR CODE

Insulation Color: White with Black numberings

Sheath Color : Blue or Red(other colors on

request)

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