

Fire Resistance Cable (XLPE/Silicon Insulated)



BS 50288-7, BS 7629, IEC 60332-3, IEC 60331

Voltage Grade : 500V

CABLE CONSTRUCTIONS

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 Sq. mm 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 (1.1KV available on request)

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

Color Code

Insulation Color	:	White with Black numberings
Sheath Color	:	Blue or Red(other colors on request)