



CABLE STRUCTURE

Conductor	Electrolytic annealed, class 5 stranded plain copper wires (tinned conductor on request)
Insulation	XLPE compound (Cross-linked polyethylene), 2XII type (TS 13751)
Sheath	Halogen-Free compound, HM2 type (TS 13751)
Color	Grey

MAIN CHARACTERISTICS

Construction	TS 13751, TSE K 328
General Requirements	EN 50525-1, EN 50525-3-11
Guide to Use	EN 50565-1/2, VDE 0250-214
Electrical Tests	EN 50395
Non - electrical Tests	EN 50396
Conductor Resistance	IEC 60228, VDE 0295, BS 6360
Flame Retardant	IEC 60332-1-2, IEC 60332-3-24 Cat C
Halogen Content	IEC 60754-1/2
Smoke Density	IEC 61034-1/2

OPERATING CHARACTERISTICS

Rated Voltage	300/500 V (U ₀ /U)
AC Test Voltage	2 kV
Operating Temperature	-30°C to +90°C
Conductor Short-Circuit Temp.	250°C (Max. 5 sec)
Min. Installation Temp.	-5°C
Min. Bending Radius	Based on VDE 0298-3
Current Carrying Capacities	IEC 60364-5-52 Tab B52.1 & B52.3 & B52.5 & B52.12

APPLICATIONS

These cables are used as power cable in hotels, hospitals, shopping centers, power plants, industrial plants, electrical circuits in crowded places and in places where higher safety required in case of fire. They can be used on and under plaster and available to use in dry, damp and wet places.



FLAME RETARDANT



HALOGEN-FREE



LOW SMOKE