N2XBH



Areas of Use

0.6/1 kV XLPE insulated, halogen-free, flame retardant, galvanized steel tape armoured power cables are used in generally underground where high tensile stresses and mechanical protection are needed during the operation. These cables are used in intelligent or semi-intelligent buildings which has high dense human population like hospitals, cinemas, theatres, schools, shopping centers.

Cable Construction

Conductor	Solid or Stranded Annealed Copper (IEC/EN 60228, Class 1 / Class 2)
Insulation	XLPE
Core Colors	HD 308 S2
Filler	HFFR
Armour	Galvanised Steel Tape
Outer Sheath	HFFR
Reference Standards	TS IEC 60502-1, DIN VDE 0271

Technical Properties

Operating Voltage	0.6/1 kV
Test Voltage	3.5 kV
Max. Operating Temperature	90 °C
Flame Retardancy	IEC/EN 60332-3-24
Smoke Density	IEC/EN 61034-1+2
Corrosive Gases Measurement	IEC/EN 60754-2
Amount of Halogen Acid Gas	IEC/EN 60754-1
Min. Bending Radius	Single Core: 15 x Cable Diameter, Multicore: 12 x Cable Diameter

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