N2XRH (LSF SWA BS 6724)



Areas of Use

0.6/1 kV XLPE insulated, halogen-free, flame retardant, single or multi-core galvanized steel wire armoured power cables are used in generally underground where high tensile stresses and mechanical protection are needed during the operation. These are resistant to increasing operating temperature in the short term. 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	Round Galvanised Steel Wire
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
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
Max. Operating Temperature	90 °C

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