

## 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

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

### Technical Properties

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

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