



ÖLFLEX® INFRA FR-LSH

ISI Marked PVC FR-LSH Insulation single core



Info

- Standard lengths available in 90m, 180m and 270m

Benefits

- IS compliant LAPP certified
- Highly flexible due to special insulation compound as per LAPP specifications
- Safe for human life and the environment, thanks to the low smoke and low corrosive gases.

Application range

- Building wire for installation on wall surface or in concealed conduits
- For lighting & power applications in Buildings- Residential & Commercial, Hotels, Hospitals & IT Parks

Product features

- Higher conductivity
- Insulation of FR-LSH PVC Type D, with additional LAPP special properties
- Flame retardant - IEC 60332.1/IS 10810-53

Norm references / Approvals

- IS:694:2010

Product Make-up

- Stranded annealed bare copper
- Core insulation: Lapp special PVC

Technical data



Conductor stranding

Class V
According to IS 8130/IEC 60228



Specific insulation resistance

10 mΩ/km



Minimum bending radius

Static - 6 x cable diameter
occasional flexing - 8 x cable diameter



Rated Voltage

1100 V



Test voltage

3000 V



Range of temperature

fixed installation: -5°C to +70°C

Part number	Crosssection mm ²	Number of strands x strands dia in mm	Current carrying capacity in air in Amps at 40°C ambient temperature	m/coil or drum	Standard packing size (90 m)
ÖLFLEX® INFRA FR-LSH					
8210..3	1.0	30 x 0.2	15	90 / 180	10
8220..1	1.5	28 x 0.25	18	90 / 180	10
8220..2	2.5	47 x 0.25	24	90 / 180	10
8220..3	4.0	56 x 0.3	32	90 / 180	5
8220..4	6.0	84 x 0.3	43	90 / 180	4

Note:

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Applicable copper price basis: EUR 150/100 kg and copper related surcharges.

Upto 6.0 sq mm, Single core building wires are available in standard lengths of 90/180 meters.

270 meters available on request subject to minimum order quantity.

Other size / colours upto 240 sq mm available on request subject to minimum order quantity.

Please complete the part number with the following colour code:

01: Black 06: Grey
02: Blue 11: Yellow
04: Red 12: Green
05: White

Photographs are not to scale and do not represent detailed images of the respective products.