



ÖLFLEX® UNIPLUS FR-LSH

ISI Marked PVC FR-LSH Insulation single core

LAPP KABEL STUTTGART ÖLFLEX UNIPLUS 1.5 sq.mm <CML No.> IS 694 FR-LSH



Info

- Standard lengths available in 100m, 300m, 500m

Benefits

- IS compliant LAPP certified
- Safe for human life and the environment thanks to the low smoke and low halogen in case of fire
- Time-saving assembly

Application range

- For wiring of lamps, devices, switchgear Cabinets and distribution boxes
- For installation in tubes, on, in and under Plaster as well as in closed installation ducts
- In application area with a high density of people or valuable assets
- For use in dry rooms

Product features

- Low smoke and low halogen
- Flame retardant - IEC 60332.1/IS 10810-53

Norm references / Approvals

- IS:694:2010

Product Make-up

- Stranded annealed bare copper
- Core insulation: type D FR-LSH 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

| Article number | Description | Max. outer diameter (mm) | Approx. cable weigh (kg/km) |
|-----------------------------------|-------------|--------------------------|-----------------------------|
| ÖLFLEX® UNIPLUS FR-LSH PVC | | | |
| 4610..1U | 1 x 0.5 | 2.6 | 9 |
| 4610 ..2U | 1 x 0.75 | 2.8 | 12 |
| 4610 ..3U | 1 x 1 | 3 | 14 |
| 4620..1U | 1 x 1.5 | 3.4 | 19 |
| 4620..2U | 1 x 2.5 | 4.1 | 32 |
| 4620..3U | 1 x 4 | 4.8 | 50 |
| 4620..4U | 1 x 6 | 5.3 | 67 |
| 4620..5U | 1 x 10 | 7 | 114 |
| 4620..6U | 1 x 16 | 8.1 | 168 |
| 4621..1U | 1 x 25 | 10.2 | 269 |
| 4621..2U | 1 x 35 | 11.7 | 352 |
| 4621..3U | 1 x 50 | 13.9 | 499 |
| 4621..4U | 1 x 70 | 16 | 742 |
| 4621..5U | 1 x 95 | 18.2 | 936 |
| 4621..6U | 1 x 120 | 20.2 | 1217 |
| 4621..7U | 1 x 150 | 22.5 | 1529 |
| 4621..8U | 1 x 185 | 24.9 | 1836 |
| 4621..9U | 1 x 240 | 28.4 | 2319 |
| 4622..1U | 1 x 300 | 31 | 2878 |

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.

Please complete the part number with the following colour code:

| | | |
|-------------------|-------------|-----------------------|
| 00 : Green/Yellow | 05 : White | 11 : Yellow |
| 01 : Black | 06 : Grey | 12 : Green |
| 02 : Blue | 07 : Violet | 14 : Dark Blue |
| 03 : Brown | 08 : Pink | 16 : Ultramarine blue |
| 04 : Red | 09 : Orange | |

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