



ÖLFLEX® 100 I FR-LSH

ISI Marked PVC FR-LSH Cable

LAPP KABEL STUTTGART ÖLFLEX 100I FR-LSH 3G 1.5 1100 volts <CML No.> ISI IS 694



Info

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

Benefits

- Space-saving installation due to small cable diameter
- High electrical performance due to 3 kV test voltage
- Protection of human life and the environment due to low smoke and low toxicity.

Application range

- Plant engineering and construction
Industrial machinery
- Power circuit for Air conditioning installations
- Main Power circuit from metering room to Individual apartments
- Dry or damp interiors under medium mechanical load conditions
- Fixed installation

Product features

- Flame-retardant according IEC 60332-1/IS 10810-53
- Low smoke
- Low halogen

Norm references / Approvals

- IS:694:2010

Product Make-up

- Fine strands of bare copper wires
- PVC insulation Type D
- PVC FR-LSH ST 3 Outer sheath, grey (RAL 7001)

Technical data



Core identification code

As per IS:694:2010



Conductor stranding

Class V
According to IS 8130/IEC 60228



Specific insulation resistance

10 mΩ/km



Minimum bending radius

occasional flexing: 15 x cable diameter
fixed installation 4 x cable diameter



Rated Voltage

1100 V



Test voltage

3000 V



Protective conductor

G = with protective conductor GN/YE
X = without protective conductor



Range of temperature

fixed installation: -5°C to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Weight (kg/km)
ÖLFLEX® 100 I FR-LSH			
3808034	2 X 0.50	6.00	51
3808035	3 G 0.50	6.30	59
3808036	4 G 0.50	6.80	72
3808042	2 X 0.75	6.40	60
3808043	3 G 0.75	6.70	71
3808045	4 G 0.75	7.30	86
3808053	2 X 1.00	6.70	68
3808054	3 G 1.00	7.10	81
3808055	4 G 1.00	7.70	99
3808064	2 X 1.50	7.40	84
3808065	3 G 1.50	7.80	101
3808066	4 G 1.50	8.80	129
3808067	5 X 1.50	9.60	154
3808074	2 X 2.50	8.80	125
3808075	3 G 2.50	9.30	151
3808076	4 G 2.5	10.30	187
3808077	5 X 2.50	11.30	227
3808082	3 G 4	11.10	229

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Weight (kg/km)
3808083	4 G 4	12.20	282
3808084	5 X 4	13.50	348
3808092	3 G 6	12.60	308
3808093	4 G 6	14.00	392
3808094	5 X 6	15.70	476
3808104	3 G 10	17.70	494
3808105	4 G 10		629
3808106	5 X 10	19.70	777
3808204	3 G 16	18.20	703
3808205	4 G 16	20.30	899
3808206	5 X 16	22.70	1111
3808304	3 G 25	22.70	1122
3808305	4 G 25	27.30	1435
3808306	5 X 25	28.20	1769
3808404	3 G 35	25.70	1439
3808405	4 G 35	28.70	1840
3808406	5 X 35	32.00	2257
3808504	3 G 50	30.00	2022
3808505	4 G 50	33.50	2585

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

Above printing is not applicable for 5 x 6 sq. mm. onwards.

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