



ÖLFLEX® 100 I

ISI Marked PVC Cable

LAPP KABEL STUTTGART ÖLFLEX 100I 3G 1.5 1100 volts <CML No.> 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

Application range

- Plant engineering and construction
Industrial machinery
- Power circuit for Air conditioning installations
- Main power circuit 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

Norm references / Approvals

- IS:694:2010

Product Make-up

- Fine strands of bare copper wires
- PVC insulation Type D
- PVC 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			
38007034	2 x 0.50	6.10	50
38007035	3 G 0.50	6.50	58
38007036	4 G 0.50	7.40	70
38007042	2 x 0.75	7.10	59
38007043	3 G 0.75	7.30	70
38007045	4 G 0.75	7.90	85
38007053	2 x 1.00	7	67
38007054	3 G 1.00	7.40	80
38007055	4 G 1.00	8.50	98
38007064	2 x 1.50	8.10	83
38007065	3 G 1.50	8.60	99
38007066	4 G 1.50	9.80	127
38007067	5 x 1.50	10.70	153
38007074	2 x 2.50	9.20	123
38007075	3 G 2.50	10	150
38007076	4 G 2.50	11.30	185
38007077	5 x 2.50	12.40	225
38007081	2x4		180

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Weight (kg/km)
38007082	3 G4.00	12.10	223
38007083	4 G4.00	13.50	279
38000997	5 x 4.00	14.80	344
38007092	3 G6.00	13.10	305
38007093	4 G6.00	14.50	388
38001015	5 x 6.00	16.20	472
38007094	3 G 10.00	16.90	489
38007095	4 G 10.00	18.80	624
38001016	5 x 10.00	21	771
38007096	3 G 16.00	21.60	696
38007097	4 G 16.00	19.20	892
38001017	5 x 16.00	21.60	1103
38001018	3 G 25.00	24.50	1112
38009040	4 G 25.00	27.20	1425
38001019	5 x 25.00	30.50	1757
38007084	3 G35.00	26.70	1826
38001020	4 G35.00	29.90	1427
38001021	5 x 35.00	33.50	2242
38001022	3 G50.00	31.50	2005
38001023	4 G50.00	35	2567

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

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