



LiYCY-O - 0,50 mm

Flexible electronics cable with overall copper braided screening; preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu, fine wire
- Strand structure: to VDE 0295, class 5 or IEC 60228, cl. 5
- Core insulation: special PVC
- Core identification to DIN 47100, without colour repetition
- Cores twisted in layers, with optimal lay lengths
- Film lapping
- Braided screening made of tinned copper wires
- Outer sheath: special PVC
- Sheath color: RAL 7001, grey

Technical Data

- Peak operating voltage: 300 V
(not approved for use as mains power cable!)
- Test voltage: 1.200 V
- Insulation resistance at +20°C: $\geq 20 \text{ MOhm} \times \text{km}$
- Bending radius: 15 x cable diameter
- Temperature range:
 - flexible -5°C to +70°C
 - stationary -30°C to +80°C

Properties

- Flame retardant to IEC 60332-1

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
1 x 0,5	14,0	3,4	21,0	4101050
2 x 0,5	23,0	5,6	36,0	4102050
3 x 0,5	35,0	5,9	45,0	4103050
4 x 0,5	45,0	6,3	54,0	4104050
5 x 0,5	57,0	7,0	67,0	4105050
6 x 0,5	68,0	7,6	81,0	4106050
7 x 0,5	80,0	7,6	84,0	4107050
8 x 0,5	85,0	8,7	111,0	4108050
10 x 0,5	100,0	9,3	134,0	4110050
12 x 0,5	112,0	9,6	156,0	4112050

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
14 x 0,5	125,0	10,4	169,0	4114050
15 x 0,5	130,0	10,4	180,0	4115050
16 x 0,5	140,0	10,9	195,0	4116050
18 x 0,5	152,0	11,4	215,0	4118050
24 x 0,5	190,0	13,4	298,0	4124050
40 x 0,5	290,0	16,3	440,0	4140050

- Further formats available on request
- All data and products subject to change