



LiYCY-O - 1,00 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: black cores with printed consecutive number coding
- 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: 1200 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 1,0	23,0	4,9	44,0	4101100
2 x 1,0	55,0	6,3	84,0	4102100
3 x 1,0	70,0	6,8	110,0	4103100
4 x 1,0	80,0	7,3	130,0	4104100
5 x 1,0	95,0	8,0	156,0	4105100
7 x 1,0	120,0	8,6	192,0	4107100
8 x 1,0	130,0	9,4	223,0	4108100
10 x 1,0	165,0	11,1	251,0	4110100
12 x 1,0	185,0	11,4	265,0	4112100

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
16 x 1,0	220,0	13,4	361,0	4116100
18 x 1,0	245,0	14,0	380,0	4118100
20 x 1,0	270,0	14,8	388,0	4120100
24 x 1,0	320,0	16,2	451,0	4124100
25 x 1,0	330,0	16,4	475,0	4125100
34 x 1,0	440,0	17,7	629,0	4134100

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