



LiYCY-O - 0,14 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 0,14	8,0	3,2	16,0	4101014
2 x 0,14	12,6	3,9	20,0	4102014
3 x 0,14	14,1	4,1	24,0	4103014
4 x 0,14	15,9	4,3	28,0	4104014
5 x 0,14	19,5	4,6	34,0	4105014
6 x 0,14	21,0	4,9	36,0	4106014
7 x 0,14	22,0	4,9	39,0	4107014
8 x 0,14	24,0	5,8	43,0	4108014
10 x 0,14	29,0	6,1	54,0	4110014
12 x 0,14	30,0	6,3	59,0	4112014

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
14 x 0,14	35,0	6,7	65,0	4114014
16 x 0,14	45,0	7,0	74,0	4116014
20 x 0,14	58,0	7,9	94,0	4120014
21 x 0,14	60,0	8,3	104,0	4121014
25 x 0,14	77,0	8,5	111,0	4125014
27 x 0,14	85,0	8,5	121,0	4127014
32 x 0,14	108,0	9,0	138,0	4132014
36 x 0,14	117,0	9,3	148,0	4136014
40 x 0,14	126,0	10,4	164,0	4140014
52 x 0,14	155,0	11,1	200,0	4152014
56 x 0,14	148,0	11,4	211,0	4156014
61 x 0,14	152,0	11,7	242,0	4161014

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