



LiYCY-O - 0,25 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 0,25	8,0	3,0	14,0	4101025
2 x 0,25	15,0	4,5	28,0	4101025
3 x 0,25	18,0	4,7	34,0	4103025
4 x 0,25	22,0	5,0	40,0	4104025
5 x 0,25	25,0	5,6	47,0	4105025
6 x 0,25	30,0	6,0	59,0	4106025
7 x 0,25	32,0	6,0	61,0	4107025
8 x 0,25	35,0	7,1	66,0	4108025
10 x 0,25	42,0	7,5	80,0	4110025
12 x 0,25	50,0	7,7	91,0	4112025

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
14 x 0,25	58,0	8,0	120,0	4114025
16 x 0,25	67,0	8,4	139,0	4116025
18 x 0,25	80,0	8,8	143,0	4118025
20 x 0,25	100,0	9,3	148,0	4120025
21 x 0,25	104,0	9,6	151,0	4121025
24 x 0,25	115,0	10,5	161,0	4124025
27 x 0,25	123,0	10,7	172,0	4127025
32 x 0,25	135,0	11,4	201,0	4132025
36 x 0,25	145,0	11,8	217,0	4136025
40 x 0,25	155,0	12,7	221,0	4140025
44 x 0,25	165,0	13,5	329,0	4144025
52 x 0,25	186,0	13,8	385,0	4152025
56 x 0,25	201,0	14,0	498,0	4156025
61 x 0,25	220,0	15,0	593,0	4161025

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