



LiYCY-O - 1,50 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: 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 1,5	29,0	5,1	49,0	4101150
2 x 1,5	65,0	7,5	97,0	4102150
3 x 1,5	90,0	7,9	125,0	4103150
4 x 1,5	110,0	8,5	165,0	4104150
5 x 1,5	125,0	9,3	193,0	4105150
10 x 1,5	210,0	13,3	338,0	4110150
12 x 1,5	245,0	13,7	365,0	4112150
16 x 1,5	315,0	15,5	465,0	4116150
18 x 1,5	345,0	16,3	553,0	4118150

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
20 x 1,5	375,0	17,1	635,0	4120150
24 x 1,5	448,0	19,5	705,0	4124150
25 x 1,5	465,0	19,9	720,0	4125150

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