



LiYCY-O (TP) - 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 / IEC 60228 class 5
- Core insulation: special PVC
- Core identification to DIN 47100
- 2 cores twisted in pairs
- Pairs twisted in layers, with optimal lay lengths
- Film lapping
- Braided screening made of tinned copper wires
- Outer sheath: special PVC
- Sheath color: RAL 7032, grey

Technical Data

- Peak operating voltage: 300 V
2.5 mm² and over 500 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 mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 2 x 1,0	82,0	8,9	136,0	4202100
3 x 2 x 1,0	103,0	9,9	174,0	4203100
4 x 2 x 1,0	132,0	10,8	226,0	4204100
5 x 2 x 1,0	161,0	12,0	266,0	4205100
6 x 2 x 1,0	188,0	13,5	333,0	4206100
7 x 2 x 1,0	208,0	13,5	398,0	4207100
8 x 2 x 1,0	240,0	15,7	412,0	7208100
10 x 2 x 1,0	282,0	17,0	484,0	4210100
12 x 2 x 1,0	324,0	18,6	552,0	4212100

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
16 x 2 x 1,0	412,0	20,7	695,0	4216100
20 x 2 x 1,0	505,0	21,7	850,0	4220100

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