



LiYCY-O (TP) - 0,50 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 / 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 0,50	46,0	8,1	87,0	4202050
3 x 2 x 0,50	64,0	8,4	109,0	4203050
4 x 2 x 0,50	82,0	9,0	139,0	4204050
5 x 2 x 0,50	98,0	10,3	176,0	4205050
6 x 2 x 0,50	110,0	11,2	197,0	4206050
7 x 2 x 0,50	120,0	11,2	200,0	4207050
8 x 2 x 0,50	136,0	11,9	238,0	4208050
10 x 2 x 0,50	160,0	13,4	284,0	4210050
12 x 2 x 0,50	186,0	14,7	324,0	4212050

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
16 x 2 x 0,50	240,0	16,4	446,0	4216050
18 x 2 x 0,50	266,0	16,6	483,0	4218050
20 x 2 x 0,50	292,0	17,2	525,0	4220050

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