



LiYCY-O (TP) - 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
- 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 0,25	24,0	6,5	46,0	4202025
3 x 2 x 0,25	35,0	6,9	57,0	4203025
4 x 2 x 0,25	45,0	7,3	77,0	4204025
5 x 2 x 0,25	50,0	8,2	87,0	4205025
6 x 2 x 0,25	56,0	9,0	100,0	4206025
8 x 2 x 0,25	70,0	9,6	118,0	4208025
10 x 2 x 0,25	110,0	10,1	140,0	4210025
12 x 2 x 0,25	125,0	11,5	185,0	4212025
16 x 2 x 0,25	138,0	13,3	220,0	4216025

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
18 x 2 x 0,25	155,0	13,4	255,0	4218025

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