



LiYCY/CY-O (TP) - 0,25 mm²

Twisted pair data cable with screened pairs and overall copper braided screening; preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu, extra-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
- Each pair individually insulated with a PVC jacket
- Pairs twisted in layers, with optimal lay lengths
- Lapping with plastic film
- Braided screening made of tinned copper wires
- Outer sheath: special PVC
- Sheath color: RAL 7032, grey

Technical Data

- Peak operating voltage: 300 V
(not approved for use as mains power cable!)
- Test voltage: 1200 V
- Bending radius: 15 x cable diameter
- Temperature range:
 - flexible -5°C to +70°C
 - stationary -30°C to +70°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	63,0	10,2	125,0	42702025
3 x 2 x 0,25	80,0	11,0	150,0	42703025
4 x 2 x 0,25	112,0	12,4	210,0	42704025
5 x 2 x 0,25	136,0	13,5	235,0	42705025
6 x 2 x 0,25	149,0	15,1	290,0	42706025
7 x 2 x 0,25	175,0	15,1	300,0	42707025
8 x 2 x 0,25	189,0	16,5	345,0	42708025
10 x 2 x 0,25	267,0	19,5	435,0	42710025
12 x 2 x 0,25	307,0	20,1	470,0	42712025

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
16 x 2 x 0,25	363,0	22,8	610,0	42716025
20 x 2 x 0,25	390,0	23,6	750,0	42720025
24 x 2 x 0,25	460,0	26,0	900,0	42724025
32 x 2 x 0,25	576,0	29,5	1.220,0	42732025
48 x 2 x 0,25	845,0	35,0	1.490,0	42748025

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