



Li2YCH-O (TP) twisted pairs - 0,25 mm²

Construction

- Conductor: stranded bare Cu conductor fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Core insulation: PE
- Core identification to DIN 47100
- Cores twisted in pairs
- Pairs twisted in layers, with optimal lay lengths
- Film lapping
- Braided screening made of tinned copper wire
- Outer sheath: flame retardant and halogen-free
- Sheath colour: RAL 7005 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: $\geq 20 \text{ M}\Omega \times \text{km}$
- Bending radius: 15 x cable diameter
- Temperature range:
moved -5°C to +70°C
unmoved -40°C to +70°C
- Capacitance core/core: $< 70 \text{ nF/km}$

Properties

- Flame retardant to IEC 60332-1
- Halogen-free to IEC 60754-1 and IEC 60754-2

Special characteristics

- reduced fire propagation
- low smoke emission
- low fire load
- no corrosive gas
- environmentally friendly
- favourable capacitance values

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 2 x 0,25	27,1	6,0	44,0	4610202025
3 x 2 x 0,25	42,4	7,0	66,0	4610302025
4 x 2 x 0,25	54,4	7,9	81,0	4610402025
5 x 2 x 0,25	59,8	8,6	98,0	4610502025
6 x 2 x 0,25	64,6	9,0	116,0	4610602025
7 x 2 x 0,25	71,3	9,5	120,0	4610702025

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
8 x 2 x 0,25	78,0	10,0	129,0	4610802025
10 x 2 x 0,25	110,0	10,7	153,0	4611002025
12 x 2 x 0,25	125,0	12,1	175,0	4611202025
15 x 2 x 0,25	136,0	12,9	213,0	4611502025
18 x 2 x 0,25	155,0	13,6	248,0	4611802025

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