

Li2YCH-O (TP) twisted pairs - 0,14 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 0,14	22,5	5,5	37,0	4610202014
3 x 2 x 0,14	26,0	6,2	47,0	4610302014
4 x 2 x 0,14	39,1	7,4	66,0	4610402014
5 x 2 x 0,14	45,3	8,0	76,0	4610502014
6 x 2 x 0,14	51,4	8,3	87,0	4610602014
7 x 2 x 0,14	65,0	8,7	94,0	4610702014

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
8 x 2 x 0,14	78,0	9,4	110,0	4610802014
10 x 2 x 0,14	75,0	9,8	119,0	4611002014
12 x 2 x 0,14	85,0	10,6	135,0	4611202014
15 x 2 x 0,14	92,4	11,4	157,0	4611502014
18 x 2 x 0,14	110,0	12,6	190,0	4611802014

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