

Li2YCH-O (TP) twisted pairs - 0,34 mm²

Construction

- Conductor: stranded bare Cu conductor fine wire
- Strand structure: stranded bare Cu conductor 7 x 0,25 mm
- 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 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 0,34	43,3	7,2	68,0	4610202034
3 x 2 x 0,34	55,0	8,5	92,0	4610302034
4 x 2 x 0,34	64,0	9,5	110,0	4640402034
5 x 2 x 0,34	74,5	10,0	128,0	4610502034
6 x 2 x 0,34	85,0	10,6	147,0	4610602034
7 x 2 x 0,34	91,0	11,1	154,0	4610702034

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
10 x 2 x0,34	125,8	13,2	209,0	4611002034
12 x 2 x 0,34	139,4	14,3	245,0	4611202034
15 x 2 x 0,34	172,0	15,1	279,0	4611502034
18 x 2 x 0,34	207,0	16,8	363,0	4611802034

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