

Li2YCH-O (TP) twisted pairs - 0,50 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 0,50	50,2	7,7	76,0	4610202050
3 x 2 x 0,50	64,5	9,0	107,0	4610302050
4 x 2 x 0,50	82,0	10,2	134,0	4610402050
5 x 2 x 0,50	98,0	10,7	150,0	4610502050
6 x 2 x 0.50	110,0	11,5	176,0	4610602050
7 x 2 x 0,50	121,0	11,9	185,0	4610702050

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
10 x 2 x0,50	160,0	14,3	275,0	4611002050
12 x 2 x 0,50	186,0	16,0	330,0	4611202050
15 x 2 x 0,50	238,0	16,9	380,0	4611502050
18 x 2 x 0,50	266,0	18,2	450,0	4611802050

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