

Li2YCH-O (TP) twisted pairs - 0,75 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 0,75	64,6	9,1	105,0	4610202075
3 x 2 x 0,75	92,0	10,0	137,0	4610302075
4 x 2 x 0,75	115,0	11,6	166,0	4610402075
5 x 2 x 0,75	128,0	12,3	200,0	4610502075
6 x 2 x 0,75	146,0	13,4	236,0	4610602075
7 x 2 x 0,75	170,0	13,7	255,0	4610702075

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
10 x 2 x0,75	222,0	15,7	363,0	4611002075
12 x 2 x 0,75	270,0	18,3	434,0	4611202075
15 x 2 x 0,75	330,0	19,2	500,0	4611502075
18 x 2 x 0,75	390,0	20,7	580,0	4611802075

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