



Li2YCH-O - 0,50 mm²

Halogen-free flexible data cable with overall copper braided screening, low capacitance; preferred EMC compatible cable type

Construction

- Conductor: stranded bare Cu fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Core insulation: PE
- Core identification to DIN 47100
- Cores 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 0,50	29,0	5,2	32,0	4600200500
3 x 0,50	35,0	5,5	41,0	4600300500
4 x 0,50	39,0	6,2	49,0	4600400500
5 x 0,50	57,0	7,0	60,0	4600500500
7 x 0,50	72,0	7,4	76,0	4600700500

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
10 x 0,50	95,0	9,4	121,0	4601000500
12 x 0,50	105,0	9,8	140,0	4601200500
18 x 0,50	142,0	11,1	190,0	4601800500
21 x 0,50	171,0	12,2	230,0	4602100500
25 x 0,50	187,0	13,5	262,0	4602500500
30 x 0,50	225,0	14,6	313,0	4603000500
40 x 0,50	295,0	16,5	396,0	4604000500

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