



Li2YCH-O - 0,25 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 0,25	15,0	4,5	20,0	4600200250
3 x 0,25	18,0	4,6	25,0	4600300250
4 x 0,25	22,0	4,7	34,0	4600400250
5 x 0,25	25,0	5,3	41,0	4600500250
7 x 0,25	32,0	5,7	49,0	4600700250

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
10 x 0,25	42,0	7,3	72,0	4601000250
12 x 0,25	50,0	7,5	82,0	4601200250
14 x 0,25	58,0	7,9	100,0	4601400250
16 x 0,25	62,0	8,6	113,0	4601600250
18 x 0,25	80,0	9,0	120,0	4601800250
21 x 0,25	95,0	9,5	135,0	4602100250
25 x 0,25	118,0	10,3	146,0	4602500250
30 x 0,25	130,0	11,0	168,0	4603000250
34 x 0,25	145,0	11,7	214,0	4603400250
40 x 0,25	163,0	12,5	230,0	4604000250

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