



Li2YCH-O - 0,14 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 0,14	12,4	3,9	18,0	4600200140
3 x 0,14	14,0	4,1	22,0	4600300140
4 x 0,14	15,8	4,2	26,0	4600400140
5 x 0,14	19,5	4,6	31,0	4600500140
7 x 0,14	23,0	5,1	36,0	4600700140

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
10 x 0,14	29,0	6,6	49,0	4601000140
12 x 0,14	31,0	6,9	56,0	4601200140
14 x 0,14	37,0	7,2	61,0	4601400140
16 x 0,14	43,0	7,5	70,0	4601600140
18 x 0,14	52,0	8,0	84,0	4601800140
21 x 0,14	62,0	8,3	94,0	4602100140
25 x 0,14	76,0	9,5	105,0	4602500140
30 x 0,14	93,0	10,0	125,0	4603000140
34 x 0,14	121,0	10,5	150,0	4603400140
40 x 0,14	126,0	11,0	155,0	4604000140

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