

## Li2YCH-O - 0,14 mm<sup>2</sup>

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 <sup>2</sup> | 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     |

- Weitere Anfertigungen auf Anfrage
- Alle Angaben ohne Gewähr