



LiYCY/EB-O - 1,00 mm²

Construction

- Conductor: copper wire bare, stranded
- Construction: acc. to VDE 0295, class 5 or IEC 60228, cl. 5
- Cores: special PVC
- Marking of cores: acc.to DIN 47100 from 1,0 mm² black cores with ongoing printed numbers
- Cores with optimal lay lengths stranded in layers
- Foil wrap
- Screen out of tinned Cu-wire
- Outer sheath: special PVC
- Sheath color: blue, RAL 5015

Technical Data

- Operating voltage max.: 300 V
(not allowed for strong current application!)
- Test voltage: 1.500 V
- Insulation resistance at +20°C: $\geq 20 \text{ MOhm} \times \text{km}$
- Bending radius: 15 x cable diameter
- Temperature range
moved -5°C to +70°C
unmoved -30°C to +80°C

Properties

- Flame resistance acc. to IEC 60332-1

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 1,0	55,0	6,3	84,0	4240020100
3 x 1,0	70,0	6,8	110,0	4240030100
4 x 1,0	80,0	7,3	130,0	4240040100
5 x 1,0	95,0	8,0	156,0	4240050100
7 x 1,0	120,0	8,6	192,0	4240070100
12 x 1,0	185,0	11,4	265,0	4240120100
16 x 1,0	220,0	13,4	361,0	4240160100
18 x 1,0	245,0	14,0	380,0	4240180100
20 x 1,0	270,0	14,8	388,0	4240200100

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
24 x 1,0	345,0	16,2	451,0	4240240100

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