

LiYCY/EB-O (TP), twisted pairs with screen and blue sheath

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
- Each two cores twisted to a pair
- 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 mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 2 x 0,50	46,0	8,1	87,0	4260202050
3 x 2 x 0,50	64,0	8,4	109,0	4260302050
4 x 2 x 0,50	82,0	9,0	139,0	4260402050
6 x 2 x 0,50	110,0	11,2	197,0	4260602050
8 x 2 x 0,50	136,0	11,9	238,0	4260802050
12 x 2 x 0,50	186,0	14,7	324,0	4261202050
2 x 2 x 0,75	60,0	9,1	106,0	4260202075
3 x 2 x ,075	92,0	9,5	140,0	4260302075
4 x 2 x 0,75	115,0	10,2	179,0	4260402075

\emptyset mm ²	Cu-Weight kg/km	Outer- \emptyset mm	Total-Weight kg/km	Article number
6 x 2 x 0,75	146,0	13,3	246,0	4260602075
8 x 2 x 0,75	180,0	14,1	305,0	4260802075
12 x 2 x 0,75	270,0	16,8	456,0	4261202075

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