



LiYY-O - 0,25 mm²

Flexible electronics cable

Construction

- Conductor: stranded bare Cu conductor fine wire
- Strand structure to VDE 0295 class 5
- Core insulation: special PVC
- Core identification to DIN 47100
- Cores twisted in layers, with optimal lay lengths
- Outer sheath: special PVC
- Sheath colour: RAL 7001 grey

Technical Data

- Peak operating voltage: 300 V
(not approved for use as mains power cable!)
- Test voltage: 1.500 V
- Insulation resistance at +20°C: $\geq 20 \text{ M}\Omega \times \text{km}$
- Bending radius: 15 x cable diameter
- Temperature range:
 - flexible -5°C to +70°C
 - stationary -30°C to +80°C

Properties

- Flame retardant to IEC 60332-1

Available special types

- different core colours
- different sheath colours, etc.

Ø mm ²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 0,25	4,8	3,7	15,0	2102025005
3 x 0,25	7,2	4,0	20,0	2103025005
4 x 0,25	9,6	4,5	25,0	2104025005
5 x 0,25	12,0	5,0	32,0	2105025005
6 x 0,25	14,4	5,2	36,0	2106025005
7 x 0,25	16,8	5,4	42,0	2107025005
8 x 0,25	19,2	5,8	51,0	2108025005
9 x 0,25	21,6	6,2	53,0	2109025005
10 x 0,25	24,0	6,4	54,0	2110025005

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
12 x 0,25	28,8	6,8	63,0	2112025005
14 x 0,25	33,6	7,4	79,0	2114025005
16 x 0,25	38,4	7,6	81,0	2116025005
18 x 0,25	43,2	8,6	110,0	2118025005
20 x 0,25	48,0	9,0	117,0	2120025005
21 x 0,25	50,0	9,2	120,0	2121025005
24 x 0,25	57,6	9,7	125,0	2124025005
27 x 0,25	64,8	10,5	153,0	2127025005
30 x 0,25	72,0	11,0	168,0	2130025005
32 x 0,25	76,8	11,4	188,0	2132025005
36 x 0,25	86,4	11,9	208,0	2136025005
40 x 0,25	96,0	12,3	227,0	2140025005

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