



LiYY-O - 0,50 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 0,50	9,6	5,1	23,0	2102050005
3 x 0,50	14,4	5,5	31,0	2103050005
4 x 0,50	19,2	6,4	39,0	2104050005
5 x 0,50	24,0	6,5	47,0	2105050005
6 x 0,50	28,8	7,0	62,0	2106050005
7 x 0,50	33,6	7,0	65,0	2107050005
8 x 0,50	38,4	8,2	78,0	2108050005
10 x 0,50	48,0	9,8	92,0	2110050005
12 x 0,50	57,6	10,3	112,0	2112050005

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
14 x 0,50	67,2	10,8	130,0	2114050005
16 x 0,50	76,8	11,4	146,0	2116050005
18 x 0,50	86,4	12,0	166,0	2118050005
20 x 0,50	96,0	12,6	176,0	2120050005
21 x 0,50	100,8	13,0	185,0	2121050005
24 x 0,50	115,2	14,0	221,0	2124050005
27 x 0,50	129,6	14,7	244,0	2127050005
30 x 0,50	144,0	15,4	267,0	2130050005
32 x 0,50	153,6	16,1	291,0	2132050005
36 x 0,50	172,8	16,7	314,0	2136050005
40 x 0,50	192,0	17,2	345,0	2140050005
50 x 0,50	240,0	19,4	440,0	2150050005

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