



## LiYY-O - 0,50 mm<sup>2</sup>

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 <sup>2</sup> | 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     |

- Weitere Anfertigungen auf Anfrage
- Alle Angaben ohne Gewähr