



## LiYY-O - 0,14 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: 1.200 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 0,14          | 2,7             | 3,2        | 11,0               | 2102014005     |
| 3 x 0,14          | 4,0             | 3,5        | 14,0               | 2103014005     |
| 4 x 0,14          | 5,4             | 3,6        | 16,0               | 2104014005     |
| 5 x 0,14          | 6,7             | 3,9        | 20,0               | 2105014005     |
| 6 x 0,14          | 8,1             | 4,2        | 23,0               | 2106014005     |
| 7 x 0,14          | 9,4             | 4,2        | 24,0               | 2107014005     |
| 8 x 0,14          | 10,8            | 4,8        | 28,0               | 2108014005     |
| 9 x 0,14          | 12,1            | 5,4        | 32,0               | 2109014005     |
| 10 x 0,14         | 13,4            | 5,4        | 36,0               | 2110014005     |

| Ø mm²     | Cu-Weight kg/km | Outer-Ø mm | Total-Weight kg/km | Article number |
|-----------|-----------------|------------|--------------------|----------------|
| 12 x 0,14 | 16,1            | 5,6        | 40,0               | 2112014005     |
| 14 x 0,14 | 18,8            | 5,8        | 45,0               | 2114014005     |
| 16 x 0,14 | 21,5            | 6,1        | 51,0               | 2116014005     |
| 18 x 0,14 | 24,2            | 7,0        | 65,0               | 2118014005     |
| 20 x 0,14 | 26,9            | 7,0        | 67,0               | 2120014005     |
| 21 x 0,14 | 28,2            | 7,4        | 74,0               | 2121014005     |
| 24 x 0,14 | 32,3            | 7,7        | 76,0               | 2124014005     |
| 27 x 0,14 | 36,3            | 7,9        | 85,0               | 2127014005     |
| 30 x 0,14 | 40,3            | 8,4        | 96,0               | 2130014005     |
| 32 x 0,14 | 43,0            | 8,4        | 97,0               | 2132014005     |
| 36 x 0,14 | 48,4            | 9,1        | 114,0              | 2136014005     |
| 40 x 0,14 | 53,8            | 9,4        | 124,0              | 2140014005     |

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