

|                   |                            |                                                                                    |
|-------------------|----------------------------|------------------------------------------------------------------------------------|
| U.I. Lapp<br>GmbH | <b>PRODUCT INFORMATION</b> |  |
|                   | <b>LiYCY</b>               | <b>07.11.2014</b>                                                                  |

Screened, PVC-based wiring single core  
Prevention of electromagnetic interference to other components



Interference signals

### Application range

Wiring of measuring instruments, switch cabinets, electrical components, transmitters and receivers  
In EMC-sensitive environments

### Product Make-up

Strands of tinned-copper wires  
Core insulation: Based on PVC  
Tinned-copper braiding  
PVC-based outer sheath, transparent

### Norm references / Approvals

Based on VDE 0812

### Product features

Flame-retardant according IEC 60332-1-2  
The outer diameters stated in the part number table are maximum values.

### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil

Photographs are not to scale and do not represent detailed images of the respective products.

### Technical Data

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Peak operating voltage: | 350 V (not for power transmission)                                           |
| Classification:         | ETIM 5.0 Class-ID: EC000993<br>ETIM 5.0 Class-Description: Single core cable |
| Test voltage:           | 800 V                                                                        |
| Temperature range:      | Occasional flexing: -5°C to +70°C<br>Fixed installation: -30°C to +80°C      |

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| Part number | Conductor cross-section<br>(mm²) | Number of wires x wire-Ø<br>(mm) | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|-------------|----------------------------------|----------------------------------|---------------------|----------------------|----------------|
| 4530101     | 0,14                             | 18 x 0,1                         | 2.8                 | 7.0                  | 13             |
| 4530102     | 0,25                             | 14 x 0,15                        | 3.3                 | 9.0                  | 18             |
| 4530103     | 0,5                              | 16 x 0,2                         | 3.6                 | 15.0                 | 20             |
| 4530104     | 0,75                             | 24 x 0,2                         | 3.9                 | 18.0                 | 31             |
| 4530105     | 1                                | 32 x 0,2                         | 4.7                 | 25.0                 | 35.9           |
| 4530106     | 1,5                              | 30 x 0,25                        | 4.7                 | 30.0                 | 39             |
| 4530107     | 2,5                              | 50 x 0,25                        | 6.0                 | 35.0                 | 55.3           |