

## LiY

Stranded hook-up wire for telecommunication devices and electronic components

LiY, control cable, PVC, stranded hook-up wire for telecommunication devices and electronic components, flame-retardant, max. +70 °C

### Info

PVC control hook-up wire  
Cost-effective



### Application range

Stranded hook-up wires for wiring of telecommunication devices and electronic components within devices

### Product features

Flame-retardant according IEC 60332-1-2  
Spool: d1 = 18 mm; d2 = 150 mm; b = 85 mm

### Norm references / Approvals

Based on VDE 0812

### Product Make-up

Stranded copper wire  
Core insulation: PVC-based, type YI 2/TI 2 according to VDE 0207-4

### Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Classification ETIM 6:

ETIM 6.0 Class-ID: EC000993

ETIM 6.0 Class-Description: Single core cable

Peak operating voltage:

500 V (0.14 mm<sup>2</sup>)

900 V (0.25 sq.mm)

Last Update (24.04.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## LiY

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Conductor stranding: | 0.14 mm <sup>2</sup> : ≥ 18 strands (each with 0.10 mm Ø)<br>0.25 mm <sup>2</sup> : ≥ 14 strands (each with 0.15 mm Ø) |
| Nominal voltage:     | Operating voltage < 50 VAC<br>UPP - peak-to-peak voltage: ≤ 250 V                                                      |
| Test voltage:        | 1200 V (0.14 mm <sup>2</sup> )<br>2500 V (0.25 mm <sup>2</sup> )                                                       |
| Temperature range:   | Fixed installation: -30 °C to +70 °C                                                                                   |

### Note

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.

\* Trade product, no Lapp product

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

| Article number | Core colour  | Conductor cross-section (mm²) | Outer diameter [mm] | m/spool | Copper index (kg/km) |
|----------------|--------------|-------------------------------|---------------------|---------|----------------------|
| 4125000S       | green/yellow | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125001S       | black        | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125002S       | blue         | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125003S       | brown        | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125005S       | yellow       | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125006S       | green        | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125007S       | violet       | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125008S       | pink         | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125009S       | orange       | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125104S       | red          | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125105S       | white        | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4125106S       | grey         | 0.14                          | 1.1                 | 500     | 1.35                 |
| 4126000S       | green/yellow | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126001S       | black        | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126002S       | blue         | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126014S       | dark blue    | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126003S       | brown        | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126005S       | yellow       | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126006S       | green        | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126007S       | violet       | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126008S       | pink         | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126009S       | orange       | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126104S       | red          | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126105S       | white        | 0.25                          | 1.3                 | 250     | 2.4                  |
| 4126106S       | grey         | 0.25                          | 1.3                 | 250     | 2.4                  |

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