

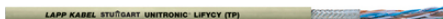
## UNITRONIC® LiFYCY (TP)

Screened miniature data transmission cable

UNITRONIC® LiFYCY (TP): Low-frequency PVC data cable, Extra-fine wire strand, 0.08 mm<sup>2</sup>, Twisted pairs, Screened, Space-saving installation, IEC flame retardant

### Info

For requirements of microelectronics



Interference signals

### Benefits

Space-saving installation due to small cable diameters

Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)

Overall braid minimises electrical interference

### Application range

For protection against high-frequency interference, screened, fine-wire cables are used in many devices.

Wherever screened cables with smallest dimensions are required

Examples: microelectronics, hearing aids etc.

### Product features

Very small dimensions

Flame-retardant according IEC 60332-1-2

### Product Make-up

Extra-fine wire strand made of bare copper wires

Core insulation made of PVC

TP structure

Tinned-copper braiding

Last Update (29.04.2024)

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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

## UNITRONIC® LiFYCY (TP)

Outer sheath made of PVC

Outer sheath colour: grey (similar to pebble grey/ RAL 7032)

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	DIN 47100, refer to Appendix T9
Mutual capacitance:	C/C approx. 80 nF/km C/S approx. 120 nF/km
Coupling:	At 1 kHz: approx. 300 pF/100 m
Inductivity:	approx. 0.65 mH/km
Conductor stranding:	Stranded, extra-fine wire, cross-section 0.08 mm <sup>2</sup>
Minimum bending radius:	Occasional flexing: 7.5 x outer diameter Fixed installation: 4 x outer diameter
Temperature range:	Occasional flexing: -5 °C to +70 °C Fixed installation: -40 °C to +80 °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.

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

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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.

**UNITRONIC® LiFYCY (TP)**

Article number	Dimension and cross section in mm <sup>2</sup>	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
UNITRONIC® LiFYCY (TP)				
0034231	4 x 2 x 0.08	5.4	19.4	37
0034233	8 x 2 x 0.08	7.1	23.7	76