

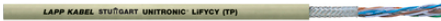
## UNITRONIC® LiFYCY (TP)

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 (02.08.2019)

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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: 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.

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

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