
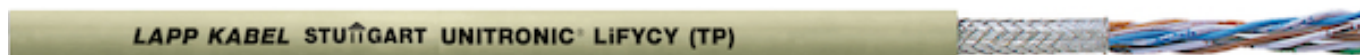


U.I. Lapp GmbH	PRODUCT INFORMATION	 LAPP GROUP
	UNITRONIC® LIFYCY (TP)	12.09.2012

Screened miniature data transmission cable
TP structure minimises crosstalk
Overall braid minimises electrical interference



Info

TP = twisted pair

Application range

For protection against high-frequency interference, screened, fine-wire cables are used in many devices.
Additional decoupling through TP structure
Examples: microelectronics, hearing aids etc.

Design

Extra-fine wire strand made of bare copper wires
Core insulation made of PVC
TP structure
Tinned-copper braiding
Outer sheath made of PVC Outer sheath colour: pebble grey (RAL 7032)

Product features

Very small dimensions
Colour-coded in accordance with DIN 47100
Flame-retardant according to IEC 60332-1-2

Remark

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

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


Please find our standard lengths at: 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 are not to scale and do not represent detailed images of the respective products.

Product Management	Document: LAPP_PRO232EN.pdf	1 / 3
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Technical Data

Core identification code:	DIN 47100, refer to Appendix T9
Mutual capacitance:	C/C approx. 80 nF/km C/S approx. 120 nF/km
Peak operating voltage:	(not for power applications) 150 V
Inductivity:	approx. 0.65 mH/km
Based on:	VDE 0812
Specific insulation resistance:	> 20 GOhm x cm
Coupling:	At 1 kHz: approx. 300 pF/100 m
Conductor stranding:	Stranded, extra-fine wire, cross-section 0.08 mm ²
Minimum bending radius:	7.5 x outer diameter
Test voltage:	800 V
Temperature range:	Fixed installation: -30 °C to +70 °C Occasional flexing: -5 °C to +50 °C

Product Management	Document: LAPP_PRO232EN.pdf	2 / 3
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Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® LiFYCY (TP)				
0034231	4 x 2 x 0,08	5.1	19.4	37
0034233	8 x 2 x 0,08	6.7	23.7	76