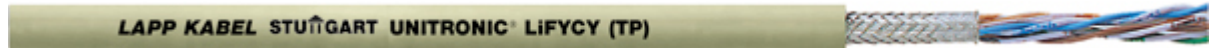


Product Description

TP structure minimises crosstalk



Application range

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

Benefits

- TP structure minimises crosstalk

Design

- Stranded bare copper conductor, superfine
- TP structure
- Tinned copper braiding
- PVC core insulation and outer sheath
- Colour: pebble grey (RAL 7032)

Product features

- Pair twisted data transmission cables with copper braid screening
- Flame retardant according to IEC 60332-1-2



Technical Data

Core identification code

DIN 47100, see Appendix T9

Mutual capacitance

C/C approx. 80 nF/km

C/S approx. 120 nF/km

Peak working voltage

(not for power applications) at 0.14 mm²: 350 V

at >= 0.25 mm²: 500 V

Inductivity

approx. 0.65 mH/km

Based on

VDE 0812

Specific insulation resistance

> 20 GOhm x cm

Coupling

(1 kHz) approx. 300 pF at 100 m

Conductor stranding

Strand, superfine wire Cross-section 0.08 mm²

Conductor resistance

(loop) see table T11

Minimum bending radius

7,5 x outer diameter

Test voltage

800 V

Range of temperature

Fixed installation: -30°C up to +70°C

Flexible application: -5°C up to +50°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
UNITRONIC® LiFYCY (TP)				
0034231	4 x 2 x 0,08	5.1	15.3	37
0034233	8 x 2 x 0,08	6.7	23.7	76

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (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.