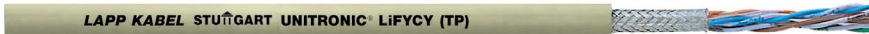




UNITRONIC® LiFYCY (TP)

Screened miniature data transmission cable



Info

- For requirements of microelectronics

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
- Outer sheath made of PVC
- Outer sheath colour: pebble grey (RAL 7032)

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
- Specific insulation resistance**
> 20 GOhm x cm
- 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 mm²
- Minimum bending radius**
Occasional flexing: 7.5 x outer diameter
Fixed installation: 4 x outer diameter
- Test voltage**
800 V
- Temperature range**
Occasional flexing: -5°C to +70°C
Fixed installation: -40°C to +80°C

Article number	Number of pairs and mm ² 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

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 catalogue 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.

Accessories

- SKINTOP® MS-SC-M refer to page 674
- EASY STRIP stripping and cutting tool refer to page 909
- Multipurpose shears A and B refer to page 907
- DATA STRIP stripping tool refer to page 911

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UNITRONIC®
ETHERLINE®
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EPIC®
SKINTOP®
SILVYN®
FLEXIMARK®
ACCESSORIES
APPENDIX