

Low frequency data transmission cables • DIN colour code





# UNITRONIC® LIFYCY (TP)

Screened miniature data transmission cable



· For requirements of microelectronics

## LAPP KABEL STURGART UNITRONIC LIFYCY (TP)



#### **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)

Outer diameter [mm]

### **Technical data**



## Classification ETIM 5/6

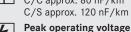
/6.0 Class-ID: EC000104 .0/6.0 Class-Description: Control cable



DIN 47100, refer to Appendix T9



Mutual capacitance



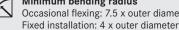


At 1 kHz: approx. 300 pF/100 m



**Conductor stranding** 

Stranded, extra-fine wire, cross-section 0.08 mm<sup>2</sup>



19.4

Temperature range Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

Copper index [kg/km]	Weight [kg/km]

4 x 2 x 0.08 0034233 8 x 2 x 0.08 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 Packaging size: coil  $\leq 30$  kg or  $\leq 250$  m, otherwise drum Please specify the preferred type of packaging (e.g.  $1\times500$  m drum or  $5\times100$  m coils).

Dimension and cross section in mm<sup>2</sup>

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

## Accessories

Article number

UNITRONIC® LIFYCY (TP)

- SKINTOP® MS-HF-M SC refer to page 707
- SKINTOP® MS-SC-M refer to page 701
- EASY STRIP stripping and cutting tool refer to page 988
- Multipurpose shears A and B
- DATA STRIP stripping tool refer to page 986
- · Fibre Strip DC

EIIW	FIIIVI	5.0
	ETIM	50



Core identification code

C/C approx. 80 nF/km C/S approx. 120 nF/km

(not for power applications) 150 V

Inductivity approx. 0.65 mH/km

Minimum bending radius Occasional flexing: 7.5 x outer diameter