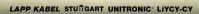
**<b>⊗** LAPP GROUP

Low frequency data transmission cables • DIN colour code



# UNITRONIC® LIYCY-CY

Screened data transmission cable with individually screened cores





#### **Benefits**

- Overall braid minimises electrical interference
- · Individually screened cores minimise crosstalk between cables routed in parallel

### Application range

- When a lossless transmission of data has to be guaranteed in fields with strong interference, cables with individuallyscreened cores and an additional overall screening are used
- · Dry or damp rooms

### **Product features**

- · Wire-screen can be used as outer conductor
- · The cable remains flexible despite multiple screening
- Flame-retardant according IEC 60332-1-2

### Norm references / Approvals

Based on VDE 0812

# **Product Make-up**

- Fine-wire strand made of bare copper wires
- Core insulation made of PVC
- Tinned-copper braiding for each core
- Inner sheath made of PVC over each screened core
- · Tinned-copper braiding
- Outer sheath made of PVC Outer sheath colour: pebble grey (RAL 7032)

# **Technical data**



Classification

ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable



Core identification code DIN 47100, refer to Appendix T9



Mutual capacitance Approx. 230 nF/km

Peak operating voltage

(not for power applications) 250 V

Inductivity Approx. 0.2 mH/km



**Conductor stranding** 

Stranded conductor, fine-wire Minimum bending radius



Occasional flexing: 15 x outer diameter

Fixed installation: 7.5 x outer diameter



Test voltage 1200 V

Temperature range Occasional flexing: -5  $^{\circ}$ C to +70 $^{\circ}$ C Fixed installation: -40°C to +80°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® LIYCY	/-CY			
0032302	2 x 0.25	6.9	41.5	69
0032303	3 x 0.25	7.2	53	106
0032304	4 x 0.25	7.8	65	130
0032305	5 x 0.25	8.5	78	161

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 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.

## Similar products

• UNITRONIC® CY PiDY (TP) refer to page 286

## Accessories

- SKINTOP® MS-SC-M refer to page 732
- Multipurpose shears A and B refer to page 998
- UNIVERSAL STRIP stripping tool refer to page 1006
- DATA STRIP stripping tool refer to page 1001