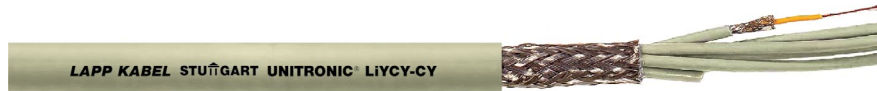




UNITRONIC® LIYCY-CY

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 individually-screened 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

- Core identification code**
DIN 47100, refer to Appendix T9
- Mutual capacitance**
Approx. 230 nF/km
- Peak operating voltage**
(not for power applications) 250 V
- Specific insulation resistance**
> 20 GOhm x cm
- 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°C to +70°C
Fixed installation: -40°C to +80°C

Article number	Number of cores and mm ² 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	53.0	106
0032304	4 x 0.25	7.8	65.0	130
0032305	5 x 0.25	8.5	78.0	161
0032307	7 x 0.25	9.2	94.0	196

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.

Similar products

- UNITRONIC® CY PiDY (TP) refer to page 255

Accessories

- SKINTOP® MS-SC-M refer to page 674
- Multipurpose shears A and B refer to page 907
- UNIVERSAL STRIP stripping and cutting tool refer to page 910
- DATA STRIP stripping tool refer to page 911