

Product Description

When a trouble-free transmission of data has to be guaranteed in strong interference fields, cables with single screened cores and additional overall screening are used.



Application range

- Dry and damp indoors

Benefits

- When a trouble-free transmission of data has to be guaranteed in strong interference fields, cables with single screened cores and additional overall screening are used.

Design

- Stranded bare copper conductor
- PVC core insulation
- PVC inner sheath surrounded by tinned copper wire braid
- PVC outer sheath
- Colour: pebble grey (RAL 7032)

Product features

- Data transmission cables with double copper screening
- Core/screen: Can be used as outer conductor
- Despite multiple screening, the cable is flexible
- Flame retardant according to IEC 60332-1-2



Technical Data

Core identification code

DIN 47100, see Appendix T9

Mutual capacitance

Approx. 230 nF/km

Peak working voltage

(not for power applications) at 0.14 mm²: 350 V
at >= 0.25 mm²: 500 V

Inductivity

Approx. 0.2 mH/km

Based on

VDE 0812

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Fine copper wire strands

Conductor resistance

see Appendix T11

Minimum bending radius

Flexing: 15 x outer diameter

Test voltage

1200 V

Range of temperature

Static: -30°C up to +80°C

Flexing: -5°C up to +70°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® LiYCY-CY				
0032302	2 x 0,25	6.5	41.5	69
0032303	3 x 0,25	7.1	53.0	106
0032304	4 x 0,25	7.7	65.0	130
0032305	5 x 0,25	8.4	78.0	161
0032307	7 x 0,25	10.0	94.0	196

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.