

Product Description

PUR sheath ist very resistant to mineral oils and abrasion



Application range

- Cables are intended for use in industrial environments, where screened cables are required that have very small cross-sections and must have excellent mechanical and chemical resistance.

Benefits

- PUR sheath ist very resistant to mineral oils and abrasion

Design

- Stranded bare copper conductor, superfine
- PVC core insulation
- Screening: Copper wire wrapping
- PUR outer sheath
- Colour: black

Product features

- Spiralized Versions available except the 7 core version.
- Data transmission cable with wrapped copper wire screening and DIN colour code 47100
- UNITRONIC® LiYD11Y has an overall screening which prevents external electrical interference and guarantees precise pulse transmission.
- The polyurethane outer sheath is resistant against wear and tear.
- Flame retardant according to IEC 60332-1-2

Technical Data
Core identification code

DIN 47100 without colour repetition, see Appendix T9

Mutual capacitance

C/C approx. 140 nF/km

C/S approx. 150 nF/km

Peak working voltage

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

Inductivity

approx. 0.65 mH/km

Based on

VDE 0812

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Strand, superfine wire

Conductor resistance

see Appendix T11

Minimum bending radius

For flexible applications: 10 x outer diameter
Fixed installation: 6 x cable diameter

Test voltage

1200 V

Range of temperature

Flexible use: -5°C up to +70°C

Static: -30°C up to +80°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® LiYD11Y				
0033202	2 x 0,14	4.1	8.0	20
0033203	3 x 0,14	4.3	10.5	25
0033204	4 x 0,14	4.5	12.0	27
0033205	5 x 0,14	4.8	14.5	33
0033206	6 x 0,14	5.5	17.0	38
0033207	7 x 0,14	5.9	18.5	41
0033212	12 x 0,14	7.2	29.0	62
0033218	18 x 0,14	8.0	39.0	83
0033302	2 x 0,25	4.7	11.4	25
0033303	3 x 0,25	5.3	15.0	31
0033304	4 x 0,25	5.6	18.2	36
0033305	5 x 0,25	6.0	21.4	42
0033306	6 x 0,25	6.8	24.4	49
0033312	12 x 0,25	8.4	44.2	81



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 \leq 30 kg and \leq 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.