

### Product Description



### Application range

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- UNITRONIC® Li2YCY (TP) is particularly suitable for wiring from data systems at transmission rates up to 10 Megabit per second and is qualified for the serial interfaces RS422 and RS485.
- Cables of this kind are designed for fixed installation in dry and damp interiors and for conditional flexible use.
- UNITRONIC® Li2YCYv (TP) model with reinforced black outer sheath (Yv) is suitable for inside and outside use as well as burial in the ground.

### Design

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- As UNITRONIC® Li2YCY (TP), however with reinforced Yv PVC outer sheath
- Colour: black (RAL 9005)

### Product features

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- Flame retardant according to IEC 60332-1-2



Technical Data

Core identification code

DIN 47100, see Appendix T9

Peak working voltage

(not for power applications) at 0.14 mm<sup>2</sup>: 350 V  
at >= 0.25 mm<sup>2</sup>: 500 V

Insulation resistance

> 5 GOhm x km

Minimum bending radius

Fixed installation: 7.5 x cable diameter

Short-range crosstalk attenuation

Up to 1 MHz min. 50 dB

Up to 10 MHz min. 40 dB

Range of temperature

Static: -30°C up to +80°C

Flexing: -5°C up to +70°C

Characteristic impedance

100 Ohm +/- 15

Article List

Part number	Number of pairs and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
UNITRONIC® Li2YCYv (TP) black for outdoor installation and direct burial				
0031350	2 x 2 x 0,22	7.9	24.2	79
0031351	3 x 2 x 0,22	8.2	28.6	93
0031352	4 x 2 x 0,22	8.8	34.2	100
0031353	8 x 2 x 0,22	10.5	70.0	156
0031354	10 x 2 x 0,22	12.0	76.0	185
0031365	1 x 2 x 0,34	7.4	20.0	69
0031355	2 x 2 x 0,34	9.1	34.1	102
0031356	3 x 2 x 0,34	9.5	43.0	117
0031357	4 x 2 x 0,34	10.1	52.8	130
0031358	8 x 2 x 0,34	12.6	85.8	206
0031366	1 x 2 x 0,5	7.9	29.0	79
0031360	2 x 2 x 0,5	9.9	37.0	120
0031361	3 x 2 x 0,5	10.3	55.0	142
0031362	4 x 2 x 0,5	11.1	60.0	160
0031363	8 x 2 x 0,5	13.9	113.3	251
0031364	10 x 2 x 0,5	15.8	148.0	303

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](http://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)

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