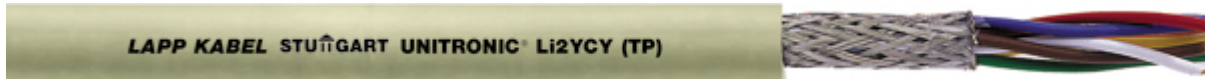


### Product Description

Litz wire 7 cores can be used for MAXI-TERMI-POINT® wiring



### Application range

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- UNITRONIC® Li2YCYv (TP) model with reinforced black outer sheath (Yv) is suitable for inside and outside use as well as burial in the ground.
- 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.

### Benefits

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- Litz wire 7 cores can be used for MAXI-TERMI-POINT® wiring

### Design

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- Stranded conductor, 7-wire, bare
- PE core insulation
- Screen braiding made from copper wire
- PVC outer sheath
- Colour: pebble grey (RAL 7032)

### Product features

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- Flame retardant according to IEC 60332-1-2



Technical Data

**Core identification code**

DIN 47100, see Appendix T9

**Mutual capacitance**

At 800 Hz: max. 60 nF/km

**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

**Inductivity**

approx. 0.65 mH/km

**Based on**

VDE 0812

**Insulation resistance**

> 5 GOhm x km

**Conductor stranding**

UNITRONIC® Li2YCYv (TP) Stranded copper conductor, based on VDE 0881, 7-wire

UNITRONIC® Li2YCY (TP) fine wire Stranded copper conductor, fine

**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

**Test voltage**

C/C: 2000 V

C/S: 1000 V

**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® Li2YCY (TP)				
0031320	2 x 2 x 0,22	7.0	24.2	59
0031321	3 x 2 x 0,22	6.6	28.6	66
0031322	4 x 2 x 0,22	7.2	34.2	78
0031323	8 x 2 x 0,22	8.9	70.0	125
0031324	10 x 2 x 0,22	10.4	76.0	143
0031335	1 x 2 x 0,34	5.8	20.0	44
0031325	2 x 2 x 0,34	7.5	34.1	79
0031326	3 x 2 x 0,34	7.9	43.0	89
0031327	4 x 2 x 0,34	8.5	52.8	101
0031328	8 x 2 x 0,34	11.0	85.8	176
0031336	1 x 2 x 0,5	6.3	29.0	53
0031330	2 x 2 x 0,5	8.3	37.0	85



0031331	3 x 2 x 0,5	8.7	55.0	105
0031332	4 x 2 x 0,5	9.5	60.0	122
0031333	8 x 2 x 0,5	12.3	113.3	213
0031334	10 x 2 x 0,5	14.6	154.0	261

**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 ≤ 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)

TERMI-POINT® is a registered trademark of AMP

Photographs are not to scale and do not represent detailed images of the respective products.