



## UNITRONIC® LIYCY (TP) A

Screened data transmission cable with colour code acc. to DIN 47100 and twisted pairs - UL/CSA recognized



### Info

- A for Advanced here: UL and CSA certifications

### Benefits

- Overall braid minimises electrical interference
- Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)

### Application range

- For the North American market
- Wiring of devices, machines and plants intended for export to the North American market or countries where UL-/CSA certified cables are used.

### Product features

- Flame-retardant acc. to IEC 60332-1-2, UL VW-1 & CSA FT 1

### Norm references / Approvals

- UL AWM Style 2464
- CSA AWM I/II A
- UL File No. E63634

### Product Make-up

- Multi-wire strand made of tinned copper wires
  - Core insulation made of PVC
  - TP structure
  - Tinned-copper braiding
  - Outer sheath made of special PVC compound
- Outer sheath colour: dark grey (RAL 7005)

### Technical data



#### Classification

ETIM 5.0 Class-ID: EC000830  
ETIM 5.0 Class-Description: Data cable



#### Core identification code

DIN 47100 without colour repetition, refer to Appendix T9



#### Peak operating voltage

(not for power applications)  
300 V  
UL/CSA: 300 V



#### Minimum bending radius

Occasional flexing: 15 x outer diameter  
Fixed installation: 6 x outer diameter



#### Test voltage

1500 V



#### Temperature range

Occasional flexing: -5°C to +70°C  
Fixed installation: -40°C to +80°C

Article number	Number of cores and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>UNITRONIC® LIYCY (TP) A</b>				
0066202	2 x 2 x AWG26/7	5.5	18	45.9
0066204	4 x 2 x AWG26/7	6.4	24	58
0066205	5 x 2 x AWG26/7	6.6	30	58
0066208	8 x 2 x AWG26/7	7.9	53	85
0066210	10 x 2 x AWG26/7	8.7	55	106
0066212	12 x 2 x AWG26/7	8.9	64	113
0066216	16 x 2 x AWG26/7	10.2	87	149
0066232	2 x 2 x AWG24/7	6.1	24.5	57
0066233	3 x 2 x AWG24/7	6.7	28.9	62
0066234	4 x 2 x AWG24/7	7.2	33.5	70
0066235	5 x 2 x AWG24/7	7.5	46.3	91
0066238	2 x 2 x AWG22/7	7.4	38	45
0066239	3 x 2 x AWG22/7	8.1	45.1	64
0066240	4 x 2 x AWG22/7	8.8	54.6	75
0066242	2 x 2 x AWG20/7	8.2	49.7	93
0066243	3 x 2 x AWG20/7	9.1	60.1	102
0066244	4 x 2 x AWG20/7	10.2	78.7	120
0066262	2 x 2 x AWG19/19	8.7	65.2	140

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. 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](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil 152 m; Drum 305 m

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

### Similar products

- UNITRONIC® FD CP (TP) plus refer to page 309

### Accessories

- SKINTOP® MS-SC-M refer to page 732
- DATA STRIP stripping tool refer to page 1001