

## UNITRONIC® LiYCY (TP) A

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

UNITRONIC® LiYCY (TP) A: Low-frequency PVC data cable DIN 47100, UL CSA AWM, Flexible, 0.34<sup>2</sup> Maxi TERMI-POINT®, Twisted Pairs, Screened, Instrumentation Control

### Info

A for Advanced  
here: UL and CSA certifications  
Further dimensions/colours on request



Interference signals

### 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

Last Update (30.12.2023)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## UNITRONIC® LiYCY (TP) A

### 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

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	DIN 47100 without colour repetition, refer to Appendix T9
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage:	UL/CSA: 300 V
Test voltage:	1500 V
Temperature range:	Occasional flexing: -5°C up to +70°C (UL: +80 °C) Fixed installation (IEC): -40°C bis +80°C UL: max. +80°C

### Note

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and AWG per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
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0066202	2 x 2 x AWG26/7	5.5	18	38
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	50
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	71
0066239	3 x 2 x AWG22/7	8.1	45.1	95
0066240	4 x 2 x AWG22/7	8.8	54.6	102
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

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