

## UNITRONIC® LiYY A

Data transmission cable with colour code acc. to DIN 47100 - UL/CSA recognized

UNITRONIC® LiYY A: Low-frequency PVC data cable, DIN 47100 color coded, UL CSA AWM, Flexible (0.34<sup>2</sup> Maxi TERMINAL POINT®), Flame retardant, Instrumentation Control

### Info

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



### Benefits

For various applications

### Application range

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

For the North American market

### 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  
Outer sheath made of special PVC compound  
Outer sheath colour: Dark grey

Last Update (17.12.2024)

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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® LiYY A****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
Conductor stranding:	AWG conductor sizes, 7 or 19 wires
Minimum bending radius:	Occasional flexing: 15 x outer diameter Fixed installation: 4 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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0022403	3 x AWG26/7	3.8	4.2	18
0022404	4 x AWG26/7	4	5.6	23
0022405	5 x AWG26/7	4.3	7	25
0022408	8 x AWG26/7	5.1	11.2	34
0022412	12 x AWG26/7	5.8	16.8	47
0022416	16 x AWG26/7	6.3	22.4	58
0022421	21 x AWG26/7	7	29.4	63
0022502	2 x AWG24/7	4	4.6	20
0022505	5 x AWG24/7	4.8	11.5	32
0022508	8 x AWG24/7	5.7	18.4	46
0022512	12 x AWG24/7	6.6	27.6	64
0022602	2 x AWG22/7	4.8	6.8	32.8
0022603	3 x AWG22/7	5	10.2	35
0022604	4 x AWG22/7	5.4	13.6	45.9
0022605	5 x AWG22/7	5.9	17	55.8
0022607	7 x AWG22/7	6.4	23.3	68.9
0022608	8 x AWG22/7	6.9	27.2	75.5
0022612	12 x AWG22/7	8.2	40.8	103
0022616	16 x AWG22/7	9.1	54.4	131.2
0022624	24 x AWG22/7	11.6	81.6	190
0022632	2 x AWG20/7	5.3	11.2	40
0022642	2 x AWG19/19	5.6	15	48

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