

UNITRONIC® LiYCY A

Screened data transmission cable with colour code acc. to DIN 47100 – UL/CSA recognized

UNITRONIC® LiYCY A: Low-frequency PVC data cable, DIN 47100, UL CSA AWM, Flexible, 0.34² Maxi TERMI-POINT®, Screened, Flame retardant, Instrumentation & Control

Info

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



Interference signals

Benefits

Overall braid minimises electrical interference

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

Last Update (10.10.2018)

©2018 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

UNITRONIC® LiYCY A

Product Make-up

Multi-wire strand made of tinned copper wires
Core insulation made of PVC
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
Conductor stranding:	AWG conductor sizes, 7 or 19 wires
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

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.

UNITRONIC® LiYCY A

Article number	Number of cores and AWG per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
UNITRONIC® LiYCY A				
0044602	2 x AWG26/7	4.3	15.6	25
0044604	4 x AWG26/7	4.7	18	30
0044652	2 x AWG24/7	4.7	17.6	29
0044655	5 x AWG24/7	5.5	28.5	44
0044658	8 x AWG24/7	6.4	31.1	61
0044662	12 x AWG24/7	7.3	51.8	96
0044702	2 x AWG22/7	5.5	17.6	44
0044703	3 x AWG22/7	5.7	21.2	49
0044704	4 x AWG22/7	6.1	27.3	59
0044705	5 x AWG22/7	6.6	30.8	63
0044707	7 x AWG22/7	7.1	46.4	87
0044712	12 x AWG22/7	8.9	66.8	120
0044716	16 x AWG22/7	9.8	83.9	145
0044721	21 x AWG22/7	11.3	109.4	204
0044732	2 x AWG20/7	6	24.4	41
0044733	3 x AWG20/7	6.3	29.9	47
0044735	5 x AWG20/7	7.3	49.2	91
0044738	8 x AWG20/7	8.5	70.8	102
0044746	2 x AWG19/19	6.3	27.9	66
0044850	7 x AWG18/19	8.9	93.2	160.8
0044851	10 x AWG18/19	11.5	130.9	200

Last Update (10.10.2018)

©2018 Lapp Group - Technical changes reserved

 Product Management www.lappkabel.de

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

PN 0456 / 02_03_16