


U.I. Lapp GmbH	PRODUCT INFORMATION	
	UNITRONIC® LiYCY A	05.11.2015

Screened data transmission cable with colour code acc. to DIN 47100 – UL/CSA recognized
Overall braid minimises electrical interference



Interference signals

Info

A for Advanced here: UL and CSA certifications

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 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 (RAL 7005)

Norm references / Approvals

UL AWM Style 2464

CSA AWM I/II A

UL File No. E63634

Product features

Flame-retardant acc. to IEC 60332-1-2,

UL VW-1 & CSA FT 1

Remark

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

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Technical Data

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
Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Conductor stranding:	AWG conductor sizes, 7 or 19 wires
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

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Part number	Number of cores and AWG per conductor	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
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0044602	2 x AWG26/7	2 x 0,14	4.3	15.6	29.5
0044604	4 x AWG26/7	4 x 0,14	4.7	18.0	33
0044652	2 x AWG24/7	2 x 0,23	4.7	17.6	36.1
0044655	5 x AWG24/7	5 x 0,23	5.5	28.5	51
0044658	8 x AWG24/7	8 x 0,23	6.4	31.1	72.2
0044662	12 x AWG24/7	12 x 0,23	7.3	51.8	96
0044702	2 x AWG22/7	2 x 0,34	5.5	17.6	32
0044703	3 x AWG22/7	3 x 0,34	5.7	21.2	36
0044704	4 x AWG22/7	4 x 0,34	6.1	27.3	44
0044705	5 x AWG22/7	5 x 0,34	6.6	30.8	53
0044707	7 x AWG22/7	7 x 0,34	7.1	46.4	71
0044712	12 x AWG22/7	12 x 0,34	8.9	66.8	120
0044716	16 x AWG22/7	16 x 0,34	9.8	83.9	145
0044721	21 x AWG22/7	21 x 0,34	11.3	109.4	170
0044732	2 x AWG20/7	2 x 0,5	6.0	24.4	41
0044733	3 x AWG20/7	3 x 0,5	6.3	29.9	47
0044735	5 x AWG20/7	5 x 0,5	7.3	49.2	72
0044738	8 x AWG20/7	8 x 0,5	8.5	70.8	102
0044850	7 x AWG18/19	7 x 1	8.9	93.2	160.8
0044851	10 x AWG18/19	10 x 1	11.5	130.9	200