


U.I. Lapp GmbH	PRODUCT INFORMATION	
	UNITRONIC® LiYCY (TP) A	29.10.2012

Screened data transmission cable with colour code acc. to DIN 47100 and twisted pairs - UL/CSA recognized
 For the North American market
 Data transmission cable with good shielding effect
 Overall braid minimises electrical interference
 Twisted pair (TP) decouples the cable circuits
 Can be used for Maxi TERMI-POINT® wiring



Info

A for Advanced here: UL and CSA approvals

Application range

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

Design

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 (chrome)

Product features

Colour-coded in accordance with DIN 47100
 Flame-retardant according to IEC 60332.1.2 & CSA FT1

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100kg. Refer to 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
 TERMI-POINT® is a registered trademark of AMP
 Photographs are not to scale and do not represent detailed images of the respective products.

Technical Data

Core identification code:	DIN 47100 without colour repetition, refer to Appendix T9
Approvals:	UL AWM Style 2464 CSA AWM I/II A
Peak operating voltage:	(not for power applications) 300 V
Specific insulation resistance:	> 20 GOhm x cm
Test voltage:	1500 V
Temperature range:	Fixed installation: -40°C to +80°C Occasional flexing: -5°C to +70°C

Product Management	Document: LAPP_PRO153669BL.pdf	1 / 2
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Part number	Number of cores and AWG per conductor	Number of pairs and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
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0066202	2 x 2 x AWG26/7	2 x 2 x 0,14	5.7	18.0	45.9
0066204	4 x 2 x AWG26/7	4 x 2 x 0,14	6.4	24.0	58
0066205	5 x 2 x AWG26/7	5 x 2 x 0,14	6.6	30.0	58
0066208	8 x 2 x AWG26/7	8 x 2 x 0,14	7.9	53.0	85
0066210	10 x 2 x AWG26/7	10 x 2 x 0,14	8.7	55.0	106
0066212	12 x 2 x AWG26/7	12 x 2 x 0,14	8.9	64.0	113
0066216	16 x 2 x AWG26/7	16 x 2 x 0,14	10.2	87.0	149
0066232	2 x 2 x AWG24/7	2 x 2 x 0,23	6.1	24.5	57
0066233	3 x 2 x AWG24/7	3 x 2 x 0,23	6.7	28.9	62
0066234	4 x 2 x AWG24/7	4 x 2 x 0,23	6.9	33.5	70
0066235	5 x 2 x AWG24/7	5 x 2 x 0,23	7.5	46.3	91
0066238	2 x 2 x AWG22/7	2 x 2 x 0,34	7.4	38.0	45
0066239	3 x 2 x AWG22/7	3 x 2 x 0,34	8.1	45.1	64
0066240	4 x 2 x AWG22/7	4 x 2 x 0,34	8.8	54.6	75
0066242	2 x 2 x AWG20/7	2 x 2 x 0,5	8.2	49.7	93
0066243	3 x 2 x AWG20/7	3 x 2 x 0,5	9.1	60.1	102
0066244	4 x 2 x AWG20/7	4 x 2 x 0,5	10.2	78.7	120
0066262	2 x 2 x AWG19/19	2 x 2 x 0,75	9.0	65.2	140