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



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.
For the North American market

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 (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.

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: EC000104 ETIM 5.0 Class-Description: Control 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 mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® LiYY A					
0022403	3 x AWG26/7	3 x 0,14	3.8	4.2	19.7
0022404	4 x AWG26/7	4 x 0,14	4.0	5.6	23
0022405	5 x AWG26/7	5 x 0,14	4.3	7.0	25
0022408	8 x AWG26/7	8 x 0,14	5.1	11.2	34
0022412	12 x AWG26/7	12 x 0,14	5.8	16.8	47
0022416	16 x AWG26/7	16 x 0,14	6.3	22.4	58
0022421	21 x AWG26/7	21 x 0,14	7.0	29.4	63
0022502	2 x AWG24/7	2 x 0,23	4.0	4.6	26.2
0022505	5 x AWG24/7	5 x 0,23	4.8	11.5	39.4
0022508	8 x AWG24/7	8 x 0,23	5.7	18.4	52.5
0022512	12 x AWG24/7	12 x 0,23	6.6	27.6	72.2
0022602	2 x AWG22/7	2 x 0,34	4.8	6.8	32.8
0022603	3 x AWG22/7	3 x 0,34	5.0	10.2	35
0022604	4 x AWG22/7	4 x 0,34	5.4	13.6	45.9
0022605	5 x AWG22/7	5 x 0,34	5.9	17.0	55.8
0022607	7 x AWG22/7	7 x 0,34	6.4	23.3	68.9
0022608	8 x AWG22/7	8 x 0,34	6.9	27.2	75.5
0022612	12 x AWG22/7	12 x 0,34	8.2	40.8	103
0022616	16 x AWG22/7	16 x 0,34	9.1	54.4	131.2
0022624	24 x AWG22/7	24 x 0,34	11.6	81.6	190
0022632	2 x AWG20/7	2 x 0,5	5.3	11.2	29
0022642	2 x AWG19/19	2 x 0,75	5.6	15.0	48

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