

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

Product Description

For the North American market; For various applications



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.

Benefits

- For the North American market
- For various applications

Design

- Multi-wire strand made of tinned copper wires
- Core insulation: Based on PVC
- Outer sheath made of special PVC compound Outer sheath colour: dark grey (chrome)

Product features

- Flame-retardant according to IEC 60332.1.2 & CSA FT1
- Colour-coded in accordance with DIN 47100
- Can be used for Maxi TERMI-POINT® wiring

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

Conductor stranding

Stranded, 7-wire

Minimum bending radius

For flexible use: 15 x outer diameter

Test voltage

1500 V

Temperature range

Fixed installation: -40°C to +80°C

Flexing: -5°C to +70°C

Article List

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)
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	5.7	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	7.1	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	11.3	39.4
0022508	8 x AWG24/7	8 x 0,23	5.7	16.5	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	7.0	27.2	75.5
0022612	12 x AWG22/7	12 x 0,34	8.5	40.8	103
0022616	16 x AWG22/7	16 x 0,34	9.5	54.4	131.2



0022624	24 x AWG22/7	24 x 0,34	11.3	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	5.9	15.0	48

Footnote:

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

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