



UNITRONIC® LiYY A

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



Info

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

Benefits

- For various applications

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

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

Technical data

	Classification ETIM 5/6 ETIM 5.0/6.0 Class-ID: EC000104 ETIM 5.0/6.0 Class-Description: Control cable
	Core identification code DIN 47100 without colour repetition, refer to Appendix T9
	Peak operating voltage (not for power applications) 300 V
	Conductor stranding AWG conductor sizes, 7 or 19 wires
	Minimum bending radius Occasional flexing: 15 x outer diameter Fixed installation: 4 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 up to +80°C UL: max. +80°C

Article number	Number of cores and AWG per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
UNITRONIC® LiYY A				
0022403	3 x AWG26/7	3,8	4,2	18
0022404	4 x AWG26/7	4	5,6	23
0022405	5 x AWG26/7	4,3	7	25
0022408	8 x AWG26/7	5,1	11,2	34
0022412	12 x AWG26/7	5,8	16,8	47
0022416	16 x AWG26/7	6,3	22,4	58
0022421	21 x AWG26/7	7	29,4	63
0022502	2 x AWG24/7	4	4,6	20
0022505	5 x AWG24/7	4,8	11,5	32
0022508	8 x AWG24/7	5,7	18,4	46
0022512	12 x AWG24/7	6,6	27,6	64
0022602	2 x AWG22/7	4,8	6,8	32,8
0022603	3 x AWG22/7	5	10,2	35
0022604	4 x AWG22/7	5,4	13,6	45,9
0022605	5 x AWG22/7	5,9	17	55,8
0022607	7 x AWG22/7	6,4	23,3	68,9
0022608	8 x AWG22/7	6,9	27,2	75,5
0022612	12 x AWG22/7	8,2	40,8	103
0022616	16 x AWG22/7	9,1	54,4	131,2
0022624	24 x AWG22/7	11,6	81,6	190
0022632	2 x AWG20/7	5,3	11,2	40
0022642	2 x AWG19/19	5,6	15	48

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.

Similar products

- UNITRONIC® LiYCY A refer to page 301
- UNITRONIC® 300 / UNITRONIC® 300 S refer to page 303

Accessories

- SKINTOP® CLICK refer to page 687
- KT 11 cable shears
- DATA STRIP stripping tool refer to page 986
- Fibre Strip DC