

Screened data transmission cable with colour code acc. to DIN 47100 and twisted pairs - UL/CSA recognized

### Product Description

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



### 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
- 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

### Design

- Multi-wire strand made of tinned copper wires
- Core insulation: Based on 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

**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

Flexing: -5°C to +70°C

**Article List**

Artikel-nummer	Number of cores and AWG per conductor	Number of pairs and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® LiYCY (TP) A					
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

**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](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil 152 m; Drum 305 m

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