



## UNITRONIC® BUS CAN TRAY

LAPP KABEL STUÏGART UNITRONIC® BUS CAN TRAY



### Info

- CAN = Controller Area Network

### Benefits

- PLTC-ER approval for open wiring between cable tray and industrial machines/plants acc. to NEC 725.154 (D)
- No additional protection of the cable needed

### Application range

- Fixed installation

### Product features

- Maximum bit rate: 1 Mbit/s for 40 m segment length
- ISO 11898 makes recommendations for the segment length, cable cross section and bit rate
- UV-resistant UL SUN RES
- Oil-resistant according to UL OIL RES I
- Flame-retardant according to CSA FT4 UL Vertical-Tray Flame Test

### Norm references / Approvals

- Standardised internationally in ISO 11898
- C(UL)us Typ CMG (75°C) acc.to UL 444 / CSA 22.2
- UL Type PLTC-ER acc. to UL 13

### Product Make-up

- 7-wire bare stranded copper conductor
- Colour-coded in accordance with DIN 47100
- Copper braid
- PVC inner sheath and outer sheath
- Colour: violet (RAL 4001)

### Suitable connectors

- EPIC® DATA CAN Sub-D Page 362
- EPIC® DATA CAN Sub-D PRO Page 363

### Technical data

	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
	<b>Mutual capacitance</b> (800 Hz): max. 40 nF/km
	<b>Peak operating voltage</b> (not for power applications) 250 V Rated voltage: 600 V (UL)
	<b>Conductor resistance</b> (loop): max. 110,8 ohm/km
	<b>Minimum bending radius</b> Fixed installation: 8 x outer diameter Flexing: 15 x outer diameter
	<b>Test voltage</b> Core/core: 2000 V
	<b>Characteristic impedance</b> 120 ohm
	<b>Temperature range</b> Fixed installation: -40°C to +80°C Flexing: -10°C to +70°C

Article number	Article designation	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>UNITRONIC® BUS CAN TRAY</b>					
2170857	UNITRONIC® BUS CAN TRAY	2 x 2 x 0,34	7.5	35	81

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](http://www.lappkabel.de/en/cable-standardlengths)  
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum  
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).  
Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- Multipurpose shears A and B refer to page 998
- SMART STRIP stripping tool