

UNITRONIC® BUS CAN TRAY

CAN Bus cable with PLTC-ER approval - for open wiring between cable trays and industrial machines

PLTC-ER approval for free, open wiring on cable tray acc. to NEC. UV-resistant, oil resistant, flame retardant. Temperature range from -40°C to +80°C

Info

CAN = Controller Area Network

LAPP KABEL STUTTGART UNITRONIC® BUS CAN TRAY



Supplementary automation components from Lapp



Mechanical and plant engineering



Flame-retardant



Oil-resistant



UV-resistant

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

Last Update (17.12.2024)

©2024 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

UNITRONIC® BUS CAN TRAY

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
Core insulation: foam skin
Inner sheath: PVC
Copper braid
Outer sheath: PVC, violet (RAL 4001)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Mutual capacitance:	(800 Hz) max. 40 nF/km
Peak operating voltage:	(not for power applications) 250 V Rated voltage: 600 V (UL)
Conductor resistance:	(loop): max. 110,8 ohm/km
Minimum bending radius:	Fixed installation: 8 x outer diameter Flexing: 15 x outer diameter
Test voltage:	Core/core: 2000 V
Characteristic impedance:	120 ohm
Temperature range:	Fixed installation: -40 °C to +80 °C Flexing: -10 °C to +70 °C

Note

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 ≤ 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 and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

UNITRONIC® BUS CAN TRAY

Article number	Article designation	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
2170857	UNITRONIC® BUS CAN TRAY	2 x 2 x 0.34	7.5	35	81