

UNITRONIC® BUS CAN TRAY

For CAN bus systems; stationary tray applications; 120 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS CAN TRAY



UNITRONIC® BUS CAN TRAY is designed to the CAN open and ISO 11898 standard. It is well-suited for high-speed motion control and feedback loop applications, providing both high reliability and efficient use of network bandwidth.

Recommended applications

Stationary cable tray applications; motion control systems; assembly, welding, and material handling machines; single-cable wiring for multi-input sensor blocks; smart sensors; pneumatic valves; barcode readers; operator interfaces

Approvals



Cable attributes page 648

OIL	OR-02	FLAME	FR-04
MOTION	FL-02	MECH.	MP-03

Construction

Conductors: 7-wire strands of bare copper

Inner jacket: PVC; violet

Shielding: tinned copper braid

Jacket: PVC; violet

Application advantage

- Designed for tray applications (PLTC-ER)
- Highly flame retardant
- Oil-resistant jacket
- Maximum bit rate: 1 Mbit/s @ 40 m
- Sunlight resistant

Complete the installation



SKINTOP®
MS-SC
page 522



EPIC® DATA
connectors
page 186

Technical data

Minimum bend radius: 8 x cable diameter

Temperature range:
- for stationary use: -40°C to +80°C
- for flexible use: -10°C to +70°C

Nominal voltage: 250V (not for power applications)

Characteristic impedance: 120 Ω ± 15Ω

Color code:
- pair 1: DIN 47100: chart 8, page 682
white & brown
- pair 2: green & yellow

Approvals:
UL: CMG per UL 444
PLTC-ER per UL 13
AWM 21695
Attributes: UL Oil Res I
sunlight resistant
Canada: CSA CMG FT 4

Part number	Conductor description	Nominal outer diameter		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
		in	mm			
2170857	22 AWG/2pr	0.296	7.5	24	54	53112220

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section. If not otherwise specified, all values relating to the product are nominal values. Photographs are not to scale and are not true representations of the products in question.