

UNITRONIC® BUS PB TORSION

For PROFIBUS-DP/FMS/FIP Bus Systems; Torsion Applications; 150 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS PB TORSION



UNITRONIC® BUS PB TORSION is designed for automation networks requiring fast and reliable data exchange between controllers and field devices.

■ Construction

Conductors: Stranded bare copper

Insulation: Polyethylene

Shielding: Specially designed foil/tinned copper braid

Jacket: Violet halogen-free polyurethane

■ Recommended Applications

Torsion applications like robots; PROFIBUS bus systems DP, FMS, and FIP

■ Application Advantage

- For torsional stress $\pm 180^\circ$ /meter
- Halogen-free and flame retardant outer jacket
- Communication rate up to 12 Mbit/s
- Lapp USA is a member of the PROFIBUS User Organization (PNO)

■ Approvals



Cable Attributes, see page 659

	OR-04		FR-02		FL-02		MP-05
OIL		FLAME		MOTION		MECHANICAL	








■ Similar Cables

- UNITRONIC® BUS PB FD

Complete the Installation

	SKINTOP® MS-SC: page 528		EPIC® Data Connectors: page 173
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■ Technical Data

	Minimum Bend Radius:			Nominal Capacitance:	9 pF/ft	
	- for stationary use:	4 x cable diameter			Color Code:	Red & green pair
	- for flexible use:	15 x cable diameter			Approvals:	UL: CMX Canada: c(UL) CMX
	Temperature Range:	-25°C to +75°C				
	Nominal Voltage:	300V (not for power applications)				
	Characteristic Impedance:	150 Ω ± 15 Ω				

Part Number	Jacket Type	Conductor Description (AWG/Pair)	Approval	Nominal Outer Diameter (inches) (mm)	Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
Torsion							
2170332	PUR	22 AWG/1pr	UL/CSA CMX	0.315 8	21	44	53112220

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