UNITRONIC®

PROFIBUS

Bus cable & connectors

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

<u>Jacket:</u> halogen-free polyurethane; violet

Recommended applications

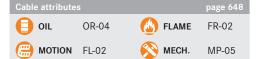
Torsion applications like robots; PROFIBUS-DP/FMS/FIP bus systems

Approvals









Application advantage

- For torsional stress ± 180°/meter
- · Halogen-free and flame retardant outer jacket
- Communication rate up to 12 Mbit/s
- LAPP is a member of the PROFIBUS User Organization (PNO)

Complete the installation



SKINTOP® MS-SC page 522



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Technical data

Minimum bend radius:

- for stationary use: 4 x cable diameter
- for flexible use: 15 x cable diameter

Temperature range: -25°C to +75°C

7 Nominal voltage: 300V (not for power applications)

 z_{∞} Characteristic impedance: 150 Ω ± 15 Ω

Nominal capacitance: 9 pF/ft

Color code: red & green

Approvals: UL: CMX

Canada: c(UL) CMX

Part number	Jacket material	Conductor description	Approvals	Nominal outer diameter		Copper weight	Approx. weight	SKINTOP® MS-SC
				in	mm	lbs/mft	lbs/mft	PG thread
2170332	PUR	22 AWG/1pr	UL/CSA CMX	0.315	8	21	44	53112220