

UNITRONIC® BUS PB FD

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

LAPP KABEL STUTTGART UNITRONIC® BUS PB FD



LAPP KABEL STUTTGART UNITRONIC® BUS PB FD FC



UNITRONIC® BUS PROFIBUS FD cables are 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: Polyurethane; violet

Recommended Applications

Highly flexible applications like cable tracks & moving machine parts; PROFIBUS-DP/FMS/FIP bus systems

Approvals



Application Advantage

- Oil-resistant and flame retardant outer jacket
- Fast connect style for quick installation
- Communication rate up to 12 Mbit/s
- Lapp USA is a member of the PROFIBUS User Organization (PNO)

Cable Attributes page 640

See attribute list by part number on page 155

Complete the Installation




SKINTOP®
MS-SC
page 516



EPIC® DATA
Connectors
page 170

ÖLFLEX® CONNECT Solution



PROFIBUS Cordsets
page 618

Technical Data

<p>Minimum Bend Radius:</p> <ul style="list-style-type: none"> - for continuous flexing: - 2170222 & 2170822: 9 x cable diameter - 2170322: 15 x cable diameter <p>Temperature Range:</p> <ul style="list-style-type: none"> - for stationary use: -40°C to +80°C - for flexible use: -30°C to +70°C <p>Characteristic Impedance: 150 Ω ± 15 Ω</p>	<p>Nominal Capacitance: 9 pF/ft</p> <p>Color Code: Red & green pair</p> <p>Approvals:</p> <p>UL: CMX (2170822, 2170322) Canada: c(UL) CMX (2170822, 2170322) Additional: Torsion rated for Wind Market (± 150°/m) (2170222, 2170822)</p>
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Part Number	Jacket Type	Conductor Description (AWG/Pair)	Approvals	Nominal Outer Diameter		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
				(in)	(mm)			
Continuous Flex								
2170222	PUR	24 AWG/1pr	—	0.315	8	20	43	53112220
2170822	PUR	24 AWG/1pr	UL/CSA CMX	0.315	8	20	39	53112220
Continuous Flex: Fast Connect								
2170322	PUR	24 AWG/1pr	UL/CSA CMX	0.315	8	17	53	53112220

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