

UNITRONIC® BUS INTERBUS FD

For INTERBUS Bus Systems (IBS); Continuous Flex Applications; 100 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS IBS FD P



LAPP KABEL STUTTGART UNITRONIC® BUS IBS FD P COMBI



UNITRONIC® BUS INTERBUS FD is designed for continuous flex applications in harsh industrial environments. The high-performance PUR jacket provides protection against tearing, abrasion, and mineral oils when used in cable tracks.

Construction

Conductors: Stranded bare copper

Insulation: Polyethylene

Shielding: Copper braid

Jacket: Polyurethane; violet

Recommended Applications

Cable tracks, moving machinery, and linear tracks in dry and damp rooms; harsh industrial environments; RBC

Approvals




Application Advantage

- High operation security for data transmission in chain
- Excellent abrasion and oil resistance
- Halogen-free
- Certified by INTERBUS Club
- Cable allows data transmission rate of 500 kbit/s at a max. length of 400 m; IRBC max. cable run is 50 m


Cable Attributes page 640

See attribute list by part number on page 155

Complete the Installation




SKINTOP®
MS-SC
page 516



EPIC®
Connectors
page 280

ÖLFLEX® CONNECT Solution



ÖLFLEX® CONNECT CABLES
page 597

Technical Data

<p>Minimum Bend Radius: - for continuous flexing: 15 x cable diameter</p> <p>Temperature Range: - for stationary use: -40°C to +80°C - for continuous flexing: -30°C to +70°C</p> <p>Nominal Voltage: 250V</p> <p>Test Voltage: 1500V</p> <p>Characteristic Impedance: 100 Ω ± 15%</p> <p>Nominal Capacitance: 18 pF/ft</p>	<p>Color Code: - 2170216: DIN 47100: Chart 8, page 674 - 2170218 & 2170818: - Data pairs: White & brown, green & yellow, gray & pink - Power conductors: Red, blue, green/yellow</p> <p>Approvals: UL: CMX (2170818) Canada: c(UL) CMX (2170818) Additional: INTERBUS Phoenix Contact RoHS</p>
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Part Number	Cable Type	Approvals	Conductor Description (AWG/Pair) + (AWG/Conductors)	Nominal Outer Diameter		Copper Weight (lbs/mft)	Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
				(in)	(mm)			
2170216	Remote Bus Cable (RBC)	—	24 AWG/3pr	0.311	7.9	26	43	53112220
2170218	Installation Remote Bus Cable (INBC)	—	24 AWG/3pr + 18 AWG/3c	0.311	7.9	42	62	53112220
2170818	Installation Remote Bus Cable (INBC)	UL/CSA CMX	24 AWG/3pr + 18 AWG/3c	0.311	7.9	42	62	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.
For current information go to our website.