

# UNITRONIC® BUS INTERBUS

For INTERBUS Bus Systems (IBS); Stationary Applications; 100 Ω

LAPP KABEL STUÏTGART UNITRONIC® BUS IBS



LAPP KABEL STUÏTGART UNITRONIC® BUS IBS P COMBI



UNITRONIC® BUS INTERBUS guarantees high operation security during data transmission. This shielded and flexible cable is available with a PVC or PUR jacket (INBC).

## Construction

**Conductors:** Stranded bare copper

**Insulation:** Polyethylene

**Shielding:** Copper braid

**Jacket:** PVC or halogen-free polyurethane (2170208); violet

## Recommended Applications

Assembly, welding, and material handling machines; wiring of sensors, actuators, and other network devices

## Approvals



## Application Advantage

- High operation security during data transmission
- Oil-resistant jacket
- Halogen-free & flame retardant PUR jacket
- Certified by INTERBUS Club
- Cable allows data transmission rate of 500 kbit/s at a max. length of 400 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

## Technical Data

<b>Minimum Bend Radius:</b>	8 x cable diameter	<b>Nominal Capacitance:</b>	18 pF/ft
<b>Temperature Range:</b>	-30°C to +80°C - for stationary use: - for flexible use: -5°C to +70°C	<b>Color Code:</b>	DIN 47100: Chart 8, page 674
<b>Nominal Voltage:</b>	250V (not for power applications)	<b>Approvals:</b>	UL: CMX (2170209) Canada: c(UL) CMX (2170209) Additional: INTERBUS Phoenix Contact RoHS
<b>Test Voltage:</b>	1500V		
<b>Characteristic Impedance:</b>	100 Ω ± 15%		

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)			
2170206	Remote Bus Cable (RBC)	—	24 AWG/3pr	0.284	7.2	25	48	53112220
2170208	Installation Remote Bus Cable (INBC)	—	24 AWG/3pr + 18 AWG/3c	0.311	7.9	40	57	53112220
2170209	Remote Bus Cable (RBC)	UL/CSA CMX	24 AWG/3pr	0.284	7.2	25	48	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.