**Bus Cable & Connectors INTERBUS** 

# UNITRONIC® BUS INTERBUS

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

### LAPP KABEL STUTTGART UNITRONIC® BUS IBS



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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







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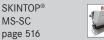
## Application Advantage

- · 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

See attribute list by part number on page 155







Complete the Installation

**EPIC®** Connectors page 280

#### Technical Data

Temperature Range:

Minimum Bend Radius: **➡** Nominal Capacitance: 8 x cable diameter

> Color Code: DIN 47100: Chart 8, page 674

- for stationary use: -30°C to +80°C - for flexible use: -5°C to +70°C

7 Nominal Voltage: 250V (not for power applications)

Test Voltage: 1500V

Characteristic Impedance:  $100 \Omega \pm 15\%$ 

Approvals: UL: CMX (2170209)

Canada: c(UL) CMX (2170209)

18 pF/ft

Additional: **INTERBUS** 

**Phoenix Contact** 

**RoHS** 

Part Number	Cable Type	Approvals	Conductor Description (AWG/Pair) + (AWG/Conductors)	Nom Outer Di (in)		Copper Weight (Ibs/mft)	Approx. Weight (Ibs/mft)	SKINTOP® MS-SC PG Thread
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