**INTERBUS Bus cable & connectors** 

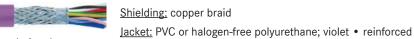
# **UNITRONIC® BUS INTERBUS**

For INTERBUS bus systems (IBS); stationary applications;  $100 \Omega$ 

## LAPP KABEL STUTTGART UNITRONIC® BUS IBS



## LAPP KABEL STUTTGART 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).

# Application advantage

Conductors: stranded bare copper

- High operation security during data transmission
- · Oil-resistant jacket

Construction

jacket: PVC; black

Insulation: polyethylene

- · 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

Recommended applications

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

## Approvals









See attribute list by part number on page 166



SKINTOP® MS-SC page 522



EPIC® connectors page 284

## Technical data

Minimum bend radius: 8 x cable diameter 18 pF/ft

Temperature range: -30°C to +80°C Color code: DIN 47100: chart 8, page 682 - reinforced jacket: -40°C to +70°C - data conductors: white/brown, green/yellow, gray/pink

7 Nominal voltage: 250V (not for power applications) - power supply: red, blue, green/yellow

Test voltage: 1500V Approvals: CMX (2170209) Canada: c(UL) CMX (2170209)

**INTERBUS** Additional: z<sub>∞</sub> Characteristic impedance: 100 Ω ± 15% **Phoenix Contact** RoHS

Part number	Jacket material	Conductor description	Cable type	Approvals	Nomi outer dia in		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
2170206	PVC	24 AWG/3pr	remote bus cable (RBC)	_	0.284	7.2	25	48	53112220
2170208	halogen-free PUR	24 AWG/3pr + 18 AWG/3c	installation remote bus cable (INBC)	-	0.311	7.9	40	57	53112220
2170209	PVC	24 AWG/3pr	remote bus cable (RBC)	UL/CSA CMX	0.284	7.2	25	48	53112220
Reinforced black jacket									
2170207	PVC	24 AWG/3pr	remote bus cable (RBC)	_	0.366	9.3	25	63	53112220
2170217	PVC	24 AWG/3pr + 18 AWG/3c	installation remote bus cable (INBC)	_	0.370	9.4	40	86	53112220