

# UNITRONIC® BUS PB FESTOON

For PROFIBUS-DP/FMS/FIP bus systems; festoon applications; 150 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS PB FESTOON



UNITRONIC® BUS PB FESTOON is 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:** PVC; violet

## Recommended applications

Festoon applications like cable trolleys; PROFIBUS-DP/FMS/FIP bus systems

## Approvals



## Application advantage

- CL3 rating for installation in trays
- Oil-resistant and flame retardant outer jacket
- Communication rate up to 12 Mbit/s
- Sunlight resistant
- LAPP is a member of the PROFIBUS User Organization (PNO)

Cable attributes		page 648	
OIL	OR-02	FLAME	FR-03
MOTION	FL-02	MECH.	MP-01

Complete the installation



SKINTOP® MS-SC  
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ÖLFLEX® CONNECT solution



ÖLFLEX® CONNECT CABLES  
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## Technical data

<b>Minimum bend radius:</b> - for stationary use: 4 x cable diameter - for flexible use: 9 x cable diameter	<b>Characteristic impedance:</b> 150 Ω ± 15 Ω
<b>Temperature range:</b> - for stationary use: -40°C to +75°C - for flexible use: -5°C to +70°C	<b>Nominal capacitance:</b> 9 pF/ft
<b>Nominal voltage:</b> 600V (not for power applications)	<b>Color code:</b> red & green
	<b>Approvals:</b> UL: CMG CL3 Canada: c(UL) CMG

Part number	Jacket material	Conductor description	Approvals	Nominal outer diameter		Copper weight lbs/mft	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
				in	mm			
2170331	PVC	24 AWG/1pr	UL/CSA CMG	0.315	8	17	43	53112220

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