UNITRONIC®

Bus Cable & Connectors

PROFIBUS®

UNITRONIC[®] BUS PB

For PROFIBUS-DP/FMS/FIP Bus Systems; Stationary Applications; 150 Ω

LAPP KABEL STUTTGART UNITRONIC® BUS PB

LAPP KABEL STUTTGART UNITRONIC® BUS PB FC

UNITRONIC[®] BUS PROFIBUS cables are designed for automation networks requiring fast and reliable data exchange between controllers and field devices. Additional styles are available upon request (e.g., armored, high temperature, direct burial for outdoor, PROFIBUS PA for intrinsic safety).

Recommended Applications

Automation devices like sensors, actuators, PLCs, and PCs in dry or damp environments; PROFIBUS-DP/FMS/FIP bus systems

Max. Cable Length by Bit Rate for One Bus Segment

Construction

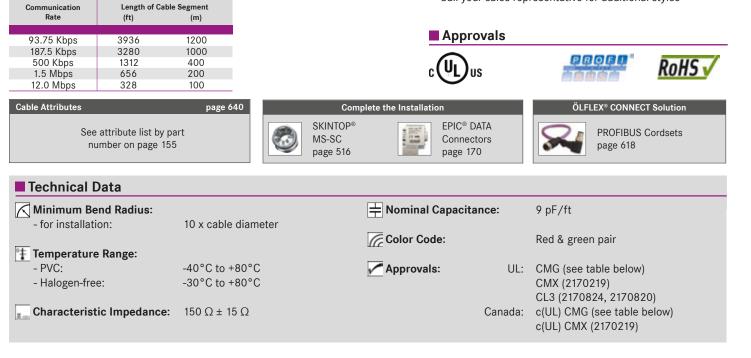
Conductors: Solid and stranded bare copper

Insulation: Polyethylene

<u>Shielding:</u> Specially designed foil/tinned copper braid <u>Jacket:</u> PVC (except 2170853: halogen-free); violet

Application Advantage

- Maximum EMI protection
- · Fast connect style for quick installation
- Communication rate up to 12.0 Mbit/s
- Lapp USA is a member of the PROFIBUS User Organization (PNO)
- Call your sales representative for additional styles



| Part Number | Jacket Type | Conductor Description | Approvals | Nominal Outer Diameter | | Copper Weight | Approx. Weight | SKINTOP® MS-SC |
|--------------------------|--------------|-----------------------|------------|---------------------------|------|------------------|-------------------|-------------------|
| | | (AWG/Pair) | | (in) | (mm) | (lbs/mft) | (lbs/mft) | PG Thread |
| Stationary | | | | | | | | |
| 2170220 | PVC | 22 AWG/1pr | _ | 0.315 | 8 | 20 | 50 | 53112220 |
| 2170219 | PVC | 22 AWG/1pr | UL/CSA CMX | 0.315 | 8 | 20 | 38 | 53112220 |
| 2170824* | PVC | 24 AWG/1pr, 7 wire | UL/CSA CMG | 0.315 | 8 | 20 | 37 | 53112220 |
| Stationary: Fast Connect | | | | | | | | |
| 2170820 | PVC | 22 AWG/1pr | UL/CSA CMG | 0.315 | 8 | 17 | 56 | 53112220 |
| 2170853 | Halogen-free | 22 AWG/1pr | UL/CSA CMG | 0.315 | 8 | 20 | 50 | 53112220 |

*For applications where vibrations occur.

PROFIBUS® is a registered trademark of PROFIBUS & PROFINET International (PI). 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.

