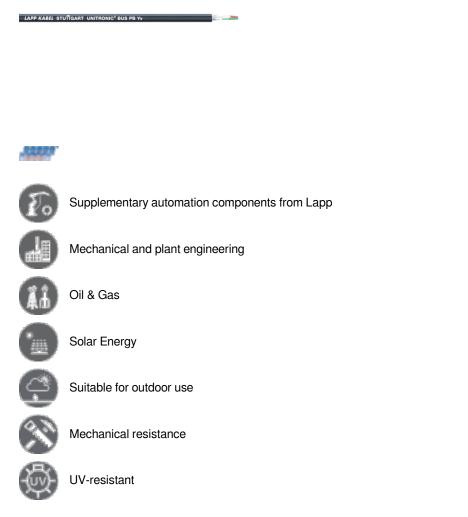


PRODUCT INFORMATION

UNITRONIC® BUS PB Yv

PROFIBUS cable with reinforced PVC outer sheath for outdoor/direct burial use

Bus cable for PROFIBUS-DP, -FMS and FIP. Rugged, UV- and weather-resistant. Temperature range from -40°C bis +80°C



Benefits

Rugged, UV-resistant and weatherproof Cables can be used for PROFIBUS-DP as well as PROFIBUS-FMS and FIP

Application range

PROFIBUS DP (in accordance with DIN 19245 and EN 50170, e.g. for SIEMENS SIMATIC® NET, also suitable for FIP - Factory Instrumentation Protocol).

Product features Reinforced outer sheath made of PVC

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UNITRONIC® BUS PB Yv

Product Make-up

Solid and bare copper conductor Foam Skin - core isolation (O2YS) Overall screening with copper braid and plastic-laminated aluminium foil Outer sheath: reinforced PVC, black

Technical Data Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Mutual capacitance:	(800 Hz): max. 30 nF/km
Peak operating voltage:	(not for power applications) 250 V
Minimum bending radius:	Fixed installation: 75 mm once Fixed installation: 150 mm
Test voltage:	Core/core: 1500 V rms Core/screen: 1500 V
Characteristic impedance:	150 ± 15 Ohm
Temperature range:	Flexing: -5°C to +50°C Fixed installation: -40°C to +80°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \leq 30 kg or \leq 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

SIMATIC® is a registered trademark of SIEMENS AG. FIP is a registered trademark of World FIP

Lapp Kabel is a member of the PROFIBUS user organisation (PNO)

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

Last U ©202₄ Produ	Article number		Number of pairs and conductor diameter (mm)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)	
Last Update (22.02.2024) ©2024 Lapp Group - Technical changes Product Management www.lappkabel.de	Suitable for outdoor use and direct burial						
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