

## UNITRONIC® BUS PB HEAT 180

PROFIBUS cable with an extended temperature range up to +180°C

Bus cable for PROFIBUS-DP, -FMS and FIP. No need for additional cable protection against high temperatures. Oil resistance. Temp. range from -50 bis +180°C

LAPP KABEL STUTTGART UNITRONIC® BUS PB HEAT 180



Supplementary automation components from Lapp



Mechanical and plant engineering



Oil-resistant



Temperature-resistant



UV-resistant

### Benefits

no need for additional cable protection against high temperatures  
High temperature resistance

### Application range

Fixed Installation  
For use in high temperature areas with up to 180 °C

### Product features

High oil-resistance

### Product Make-up

Solid and bare copper conductor  
Wire insulation Fluorethylen

Last Update (03.02.2022)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## UNITRONIC® BUS PB HEAT 180

Overall screening with copper braid and plastic-laminated aluminium foil  
Outer sheath: FEP, violet (RAL 4001)

### 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:	approx. 28 nF / km
Peak operating voltage:	(not for power applications) 250 V
Minimum bending radius:	Repeated: 7 x Outer Diameter Single: 5 x Outer Diameter
Test voltage:	3600 V DC (3 sec.)
Characteristic impedance:	(3 - 20 MHz): 150 ± 15 Ohm
Temperature range:	-50 to +180 °C

### Note

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

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

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

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

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

**UNITRONIC® BUS PB HEAT 180**

Article number	Article designation	Number of pairs and conductor diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3031981	UNITRONIC® BUS PB HEAT 180	1 x 2 x 0,64	21.7	64.1

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