

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 (23.04.2024)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

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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

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.

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| 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 |