

## UNITRONIC® BUS PB HEAT 180

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




Automation



Industrial machinery and plant engineering



Oil-resistant



Temperature-resistant

### Application range

Fixed installation

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

### Product Make-up

Solid and bare copper conductor

Wire insulation Fluorethylen

Overall screening with copper braid and plastic-laminated aluminium foil

Screening: wrapped with braided tinned-copper wires

Outer Sheath: Perfluorethylenpropylen, FEP, violet

### Product features

High oil-resistance

### Technical Data

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.)
Temperature range:	-50 to +180°C
Characteristic impedance:	(3 - 20 MHz): 150 ± 15 Ohm

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



**UNITRONIC® BUS PB HEAT 180**

Part number	Article designation	Number of pairs and conductor diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3031981	UNITRONIC® BUS PB HEAT 180 1X(2X0,64)	1 x 2 x 0,64	21.7	0.064