

UNITRONIC® BUS IBS/ IBS FD

INTERBUS cables for different applications

Remote + installation remote bus cable. PUR outer sheath, halogen free, flame retardant, core identification code DIN 47100.
Temp. range from -30°C bis +80°C



Supplementary automation components from Lapp



Mechanical and plant engineering

Benefits

Applications:
fixed Installation,
high flexible use,
outdoor use/direct burial

Application range

Remote bus/ installation remote bus cable

Product features

UNITRONIC®

BUS IBS

fixed installation

UNITRONIC®

BUS IBS Combi

with power supply

UNITRONIC®

BUS IBS A

UL-verified

UNITRONIC®

BUS Yv

outdoor use/ direct burial

UNITRONIC®

Last Update (24.04.2024)

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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

UNITRONIC® BUS IBS/ IBS FD

BUS Yv Combi

with power supply

UNITRONIC®

BUS IBS FD P

fixed installation

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BUS IBS FD P Combi

with power supply

UNITRONIC® BUS IBS FD P Combi A

UL-verified

Norm references / Approvals

Refer to data sheet for more details

According to DIN EN 61158

Product Make-up

See data sheet

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

Peak operating voltage:

(not for power applications) 250 V

Conductor resistance:

see data sheet

Minimum bending radius:

Fixed installation: 8 x outer diameter

Flexing: 15 x outer diameter

Test voltage:

Core/core: 1500 V rms

Characteristic impedance:

100 Ohm

Temperature range:

UNITRONIC®

BUS IBS

fixed installation: -30 °C to +80 °C

flexing: -5 °C to +70 °C

UNITRONIC®

BUS IBS FD P

fixed installation: -40 °C to +80 °C

flexing: -5 °C to +70 °C

UNITRONIC®

BUS IBS Yv

Fest verlegt: -40 °C bis +70 °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 ≤ 30 kg or ≤ 250 m, otherwise drum

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

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UNITRONIC® BUS IBS/ IBS FD

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

UNITRONIC® BUS IBS/ IBS FD

Article number	Article designation	Number of pairs and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
Fixed Installation					
2170206	UNITRONIC® BUS IBS	3 x 2 x 0.22	7.2	37	72
2170208	UNITRONIC® BUS IBS P COMBI	3 x 2 x 0,22 + 3 x 1,0	7.9	60	85
Fixed installation - suitable for outdoor use and direct burial					
2170207	UNITRONIC® BUS IBS Yv COMBI	3 x 2 x 0.22	9.3	37	94
2170217	UNITRONIC® BUS IBS Yv COMBI	3 x 2 x 0,22 + 3 x 1,0	9.4	60	128
For fixed installation - UL CMX certification					
2170209	UNITRONIC® BUS IBS A	3 x 2 x 0.22	7.2	37	72
For highly flexible applications					
2170216	UNITRONIC® BUS IBS FD P	3 x 2 x 0.25	7.9	39	64
2170218	UNITRONIC® BUS IBS FD P COMBI	3 x 2 x 0,25 + 3 x 1,0	7.9	62	92
Highly flexible applications - with UL (CMX) certification					
2170818	UNITRONIC® BUS IBS FD P COMBI A	3 x 2 x 0,25 + 3 x 1,0	7.9	62	92

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