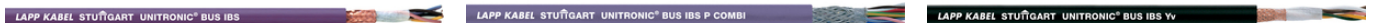


## UNITRONIC® BUS IBS/ IBS FD

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®

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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 IBS/ IBS FD

### BUS Yv Combi

with power supply

### UNITRONIC®

### BUS IBS FD P

fixed installation

### UNITRONIC®

### 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](http://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

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.

**UNITRONIC® BUS IBS/ IBS FD**

Article number	Article designation	Number of pairs and mm <sup>2</sup> 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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## UNITRONIC® BUS IBS/ IBS FD

