

## UNITRONIC® BUS IS

ISOBUS cables for use in agricultural vehicles

Data transmission at agricultural vehicles. Resistant against oil, benzine, diesel and UV. Acc. To ISO 11783-2:2012. Temperature range from -40°C bis +85°C

### Info

Lapp cable is member of the AEF - Agricultural Industry Electronics Foundation



Suitable for outdoor use



Halogen-free



Cold-resistant



Mechanical resistance



Oil-resistant



UV-resistant

### Benefits

Cable according ISOBUS standard (ISO 11783-2) for use in agricultural vehicles.

HYBRID: cable for data transmission + power supply

### Application range

For outdoor applications

Connection cable between tractor and pulled machinery

### Product features

Flame-retardant according to IEC standard 60332-1

UV-resistant

Resistant against oil, benzine and diesel

Last Update (26.04.2024)

©2024 Lapp Group - Technical changes reserved

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 IS

PUR (Polyurethane) Version with increased robustness

### Norm references / Approvals

ISO 11783-2:2012

### Product Make-up

Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228

4x 0,5 mm<sup>2</sup> (red, yellow, black, green)

2x 2,5 mm<sup>2</sup> (red, black)

2x 6 mm<sup>2</sup> (red, black)

Outer sheath: PUR and PVC, black (RAL 9005)

### 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:	60 V
Minimum bending radius:	Fixed installation: 10 x outer diameter Flexing: 15 x outer diameter
Test voltage:	0,5 mm - 2,5 mm <sup>2</sup> core / core = 1,5 kV; 6 - 10 mm <sup>2</sup> core / core = 2,5 kV
Characteristic impedance:	Characteristic impedance: 75 ohm
Temperature range:	PUR: -40°C to +85°C PVC: -30°C to +85°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

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

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 IS**

Article number	Article designation	Number of cores/pairs and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)
PUR				
2170561	UNITRONIC® BUS IS PUR 2x6+2x2,5+1x4x0,5	2x6+2x2,5+1x4x0,5	15.6	182.4
PVC				
2170560	UNITRONIC® BUS IS PVC	2x6+2x2,5+1x4x0,5	15.6	182.4

Last Update (26.04.2024)

©2024 Lapp Group - Technical changes reserved

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