

UNITRONIC® BUS IS

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

ISOBUS is standardized in the international standard ISO 11783-2

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



UV-resistant



Oil-resistant



Mechanical resistance



Halogen-free



Suitable for outdoor use



Cold-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

Last Update (29.04.2018)

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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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Product features

Flame-retardant according to IEC standard 60332-1

Resistant against oil, benzine and diesel

UV-resistant

PUR (Polyurethane) Version with increased robustness, UV- resistance and halogen free

Norm references / Approvals

ISO 11783-2:2012

Product Make-up

4x 0,5 mm² (red, yellow, black, green)

2x 2,5 mm² (red, black)

2x 6 mm² (red, black)

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

Outer Sheath: Black PVC or PUR special compound

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Peak operating voltage:	60 V
Test voltage:	0,5 mm - 2,5 mm ² core / core = 1,5 kV; 6 - 10 mm ² 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

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 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.

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

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