



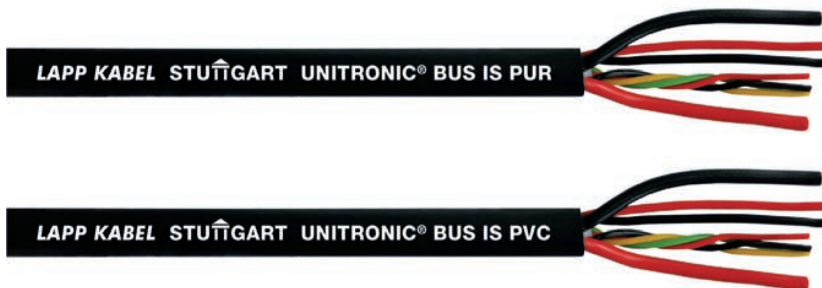
## UNITRONIC® BUS IS

ISOBUS cables for use in agricultural vehicles



### Info

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



### 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
- 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

	<b>Classification ETIM 5/6</b> ETIM 5.0/6.0 Class-ID: EC000830 ETIM 5.0/6.0 Class-Description: Data cable
	<b>Peak operating voltage</b> 60 V
	<b>Minimum bending radius</b> Fixed installation: 10 x outer diameter Flexing: 15 x outer diameter
	<b>Test voltage</b> 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
	<b>Characteristic impedance</b> Characteristic impedance: 75 Ω
	<b>Temperature range</b> PUR: -40°C to +85°C PVC: -30°C to +85°C

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

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