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 (04.09.2020)
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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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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 mm² (red, yellow, black, green)
2x 2,5 mm² (red, black)
2x 6 mm² (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 mm² core / core = 1,5 kV;
6 - 10 mm² 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 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.
<table>
<thead>
<tr>
<th>Article number</th>
<th>Article designation</th>
<th>Number of cores/pairs and mm² per conductor</th>
<th>Outer diameter [mm]</th>
<th>Copper index (kg/km)</th>
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<tbody>
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<td>2x6+2x2,5+1x4x0,5</td>
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