

UNITRONIC® BUS CAN BURIAL

CAN bus cable with double outer sheath for outdoor/direct burial use

For CAN based communication acc. ISO 11898, direct burial, outdoor applications. Rugged, UV-resistant and weatherproof, temperature range from -40°C bis +80°C

Info

Suitable for direct burial



Supplementary automation components from Lapp



Solar Energy



Suitable for outdoor use



Corrosion-resistant



Mechanical resistance



Robust



UV-resistant

Benefits

Suitable for CAN communication according to ISO 11898

Double-sheathed version, extremely tough, for installation without corrugated tubing

Rugged, UV-resistant and weatherproof

Diameter of inner sheath suitable for common connectors

Application range

Useable for CAN based communication systems like CANopen

Suitable for direct burial

For outdoor applications

Last Update (17.12.2024)

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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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For fixed installation or applications with occasional movements

Product Make-up

Copper stranded 7x0,32
Core insulation: PE
Overall screening of braided tinned-copper strands
Inner sheath: PVC, violet RAL (4001),
outer diameter: 7.1 mm
Outer sheath: PE, black RAL (9005),
outer diameter: 9.0 mm

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
Mutual capacitance:	(1 kHz): max. 40 nF/km
Peak operating voltage:	300 V (not for power applications)
Conductor resistance:	(Loop): max. 74 Ohm /km
Minimum bending radius:	Flexible use: 8 x Outer Diameter Fixed Installation: 4 x Outer Diameter
Test voltage:	Core/core: 1500 V rms
Characteristic impedance:	120 ohm
Temperature range:	Fixed installation: -40°C to +80°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.

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Article number	Article designation	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
2170500	UNITRONIC BUS CAN BURIAL 4x1x0,5	4 x 1 x 0.5	9	41.8	91