UNITRONIC® BUS HEAT 6722

CAN bus cable for use in utility vehicles with extended requirements, like higher temperature range, restistance against UV, operating fluids etc.

Info
Designed according to ISO 6722
tested acc.to ECE-R 118.01



- UV-resistant
- Temperature-resistant
- Space requirement
- Halogen-free
- Good chemical resistance
- e-Mobility
- Automation & fältinstallation
- Suitable for outdoor use
- Flame-retardant

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Benefits
Tvinnad stjärnfyra, vilket innebär lägre utrymmesbehov och vikt
Extended temperature range
Good resistance to oil, petrol, acids and alkalis

Application range
Suitable for connecting to of e.g. camera systems, enter-/ infotainment for passengers, ticketing systems
For fixed, occassionally flexible and protected use inside of utility vehicles

Product features
Halogen-free outer sheath
Maximum bit rate: 1 Mbit/s for 40 m
segment length
temperature class B on the basis of ISO 6722-1
ISO 11898 makes recommendations for the segment length, cable cross section and bit rate
Flame-retardant according IEC 60332-1-2

Norm references / Approvals
Standardised internationally in ISO 11898
UL/CSA type CMX (UL 444)

Product Make-up
Stranded bare conductor
PUR outer sheath
Colour: black
UV-resistant (but colour may change after some time)
Screening: wrapped with braided copper wires

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Mutual capacitance:	40 nF/km (800 Hz)
Peak operating voltage:	250 V (not for power transmission)
Conductor resistance:	(loop): max. 159.8 ohm/km
Minimum bending radius:	Flexing: 15 x outer diameter
Test voltage:	Core/core: 1500 V rms
Characteristic impedance:	120 ohm
Temperature range:	Fixed installation: -40°C to +105°C occasionally flexing: -30°C to +105°C

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Note

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
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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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Article number	Article designation	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
2170385	UNITRONIC® BUS HEAT 6722 1X4X0,25	1 x 4 x 0.25	6.45	26	46
2170386	UNITRONIC® BUS HEAT 6722 1X4X0,34	1 x 4 x 0.34	7.54	33	61
2170387	UNITRONIC® BUS HEAT 6722 1X4X0,5	1 x 4 x 0.5	8.36	41	70
2170388	UNITRONIC® BUS HEAT 6722 1X4X0,75	1 x 4 x 0.75	9.79	59	95

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