

UNITRONIC® BUS HEAT 6722

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

Info

Designed according to ISO 6722
tested according to ECE-R 118.01



CANopen



UV-resistant



Temperature-resistant



Space requirement



Halogen-free



Good chemical resistance



e-Mobility



Automation & fältinstallation



Suitable for outdoor use



Flame-retardant

Last Update (18.06.2017)

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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

UNITRONIC® BUS HEAT 6722

Benefits

Twisted-quad strand, thus lower space requirement and weight
Extended temperature range
Good resistance to oil, petrol, acids and alkalis

Application range

Connection cable for wiring camera systems, passenger infotainment systems, ticketing systems
For fixed, occasionally flexible and protected use inside of utility vehicles

Product features

Halogen-free outer sheath
Maximum bit rate: 1 Mbit/s for 40 m
Bus 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

Bare stranded wire
PUR outer sheath
Colour: black
UV-resistant (colour may change over 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 eff.
Characteristic impedance:	120 ohm
Temperature range:	Fixed installation: -40°C to +105°C Flexing: -30°C to +105°C

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Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

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 and mm ² 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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