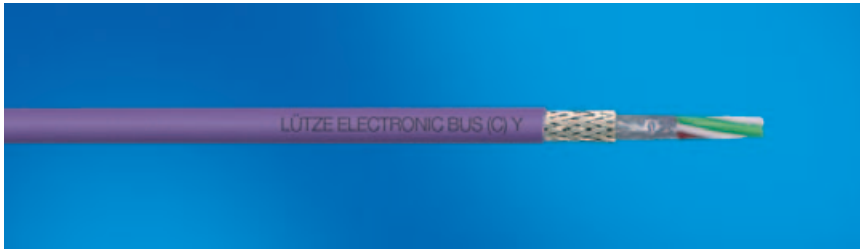


# Technical data sheet · LÜTZE ELECTRONIC BUS (C) Y CAN-BUS

PVC BUS conductors



<b>Identification</b>	Type	(2×2×0.22/AWG24/7)
	Part-No.	104206
<b>Use/Area of application</b>		
Application	<ul style="list-style-type: none"><li>• For wiring of industrial field bus systems such as CAN-BUS and INTERBUS-S</li><li>• For hard wiring or moving use without compulsory guide in the automation technology, transport and conveyor technology, machine tool manufacture</li></ul>	
Properties	<ul style="list-style-type: none"><li>• High active and passive interference resistance</li><li>• Free from paint wetting disruptive substances (LABS-free), RoHS-compliant</li></ul>	
<b>Technical data</b>		
Impedance	100 – 120 Ω	
Loop resistance	Wire AWG 24/7= 0.22 <sup>2</sup>	<165 Ω/km
Operating capacitance	< 60 pF/m	
Rated voltage	250 V	
Test voltage	1500 V	
Temperature range	moving	-5 °C to +70 °C
	run	-30 °C to +80 °C
Minimum bending radius	moving	Cable diameter × 12
	fixed	Cable diameter × 6
Burning behaviour	Flame-retardant according to VDE 0482 T. 265-2-1; IEC 60332-1	
Number of strands/cross-section	(2×2×0,22/AWG24/7)	
Outer-∅	7.0 approx. mm	
Weight	4.3 kg/100 m	

23.11.2007 – Subject to technical modification

Part-No. 104206

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Cu-Index 2.4 kg/100 m

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### Design

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Strand colours	white/brown, green/yellow
Conductor structure	Bare copper wire
Cable structure	Wire according to AWG
Conductor insulation	Conductor insulation special polyolefin
Stranding	Conductors stranded pairs, foil banding
Overall shield	Galvanised copper wire braid, optical coverage $\geq 85\%$
Outer jacket	Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
Jacket colour	violet RAL 4001

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### General

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Note	CE These products are in conformity to the EC Low Voltage Directive 73/23/EWG or 93/68/EWG respectively
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