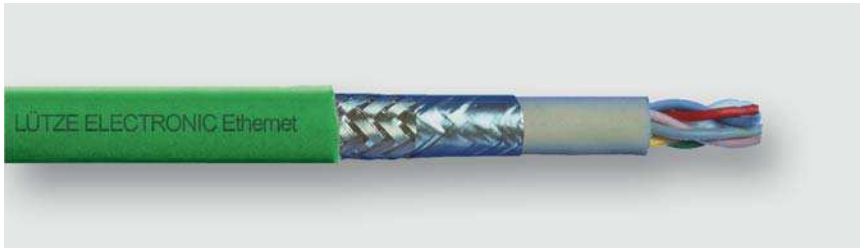


# Technical data sheet · LÜTZE ELECTRONIC ETHERNET (C) PVC

PVC Bus cables · ETHERNET



<b>Identification</b>	Type	EL BUS(C)PVC ET(2×2×AWG22/7)Cat.5
	Part-No.	104307

## Use/Application/Characteristics

Application	<ul style="list-style-type: none"><li>• For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol</li><li>• For fixed installation or mobile use without continuous flexing in automation technology, transport, conveyor technology and machine tools</li></ul>
Characteristics	<ul style="list-style-type: none"><li>• High active and passive interference resistance (EMC)</li><li>• Silicone free</li><li>• RoHS-compliant</li></ul>

## Construction

Description	ELECTRONIC Ethernet (C) PVC
Number of conductors/cross-section	(2×2×AWG22/7)StC
Jacket material	PVC
Jacket color	green RAL 6018
Outer Ø	6.5 mm
Outer Ø	0.256 inches
Surface	adhesion-free matt
Weight	6.5 kg/100 m
Weight	44 Lbs/Mft
Cu-Index	3.1 kg/100 m

28.04.2017 – Subject to technical modification

Part-No. 104307

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Cu-Index	20.8 Lbs/Mft
<b>Element 1</b>	
Element construction	(2×2×AWG22/7)
Conductor	AWG conductor CU-wire bare
Conductor marking	white blue yellow orange
Conductor insulation	Special Polyolefin
Wrapping	transparent plastic film

## overall construction

Overall stranding	Star quad stranding
Inner jacket	TPE
Overall shield	Braid shield Tinned copper wires optical cover approx. 85%
Jacket characteristics	Silicone-free Flame-retardant

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## Technical data

Rated voltage	300 V
Test voltage type	AC 1500 V
Temperature range moving	-5 °C ... +70 °C
Temperature range fixed	-30 °C ... +80 °C
Minimum bending radius moving	12×D
Minimum bending radius fixed	6×D

## Element 1

Element construction	(2×2×AWG22/7)
Operating capacitance Ader-Ader	48 pF/m
Impedance	100 Ω

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## Approvals/Standards

Approvals	PLTC CMG cULus cURus
UL style	AWM 20201

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Conformity	CE RoHS REACH
Burning behavior according to	IEC 60332-1 DIN EN 60332-1-2 VDE 0482 322-1-2 UL 1581 Part VW-1 Flame Test UL FT4

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### General

Note CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

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### Symbols



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