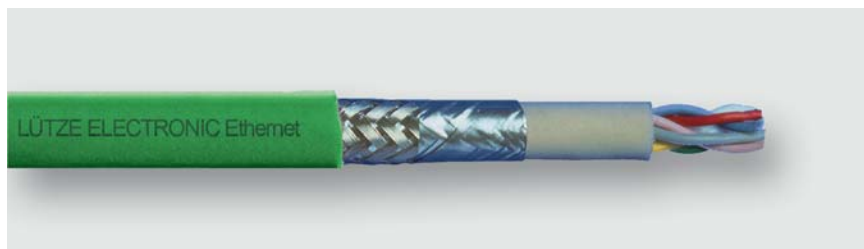


Technical data sheet · LÜTZE ELECTRONIC ETHERNET (C) PVC

PVC Bus cables · ETHERNET



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

Use/Application/Characteristics

Application	• For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol • For fixed installation or mobile use without continuous flexing in automation technology, transport, conveyor technology and machine tools
Characteristics	• High active and passive interference resistance (EMC) • Silicone free • RoHS-compliant

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
Element 1	
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

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

Approvals/Standards

Approvals	PLTC CMG cULus cURus
UL style	AWM 20201

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SYSTEMATIC TECHNOLOGY

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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

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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