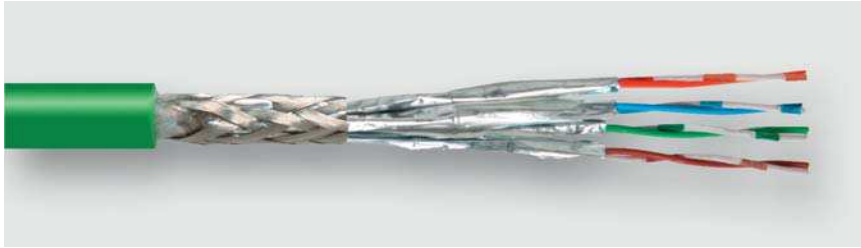


Technical data sheet · LÜTZE ELECTRONIC ETHERNET (C) PVC

PVC Bus cables · ETHERNET



Identification	Type	EL BUS(C)PVC ET(4×(2×AWG26/7)St)C Cat.6A
	Part-No.	104338

Use/Application/Characteristics

Application	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• High active and passive interference resistance (EMC)• Silicone free• RoHS-compliant

Construction

Description	ELECTRONIC Ethernet (C) PVC
Number of conductors/cross-section	(4×(2×AWG26/7)St)C
Jacket material	PVC
Jacket color	green RAL 6018
Outer Ø	6.4 mm
Outer Ø	0.252 inches
Surface	adhesion-free matt
Weight	5.3 kg/100 m
Weight	35.5 Lbs/Mft
Cu-Index	3.3 kg/100 m

28.04.2017 – Subject to technical modification

Part-No. 104338

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

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Cu-Index	22 Lbs/Mft
Element 1	
Element construction	(4×(2×AWG26/7))
Conductor	AWG conductor CU-wire bare
Conductor marking	white/blue blue white/orange orange white/green green white/brown brown
Conductor insulation	Special Polyolefin
Stranding	Conductors stranded in pairs
Element shielding	Aluminium laminate Foil shield
overall construction	
Overall stranding	stranded layers
Overall wrapping	Non-woven material
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	(4×(2×AWG26/7))
Operating capacitance Ader-Ader	48 pF/m
Loop resistance	273 mΩ/m
Impedance	100 Ω

Approvals/Standards

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Approvals	CMG cULus
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

Symbols



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