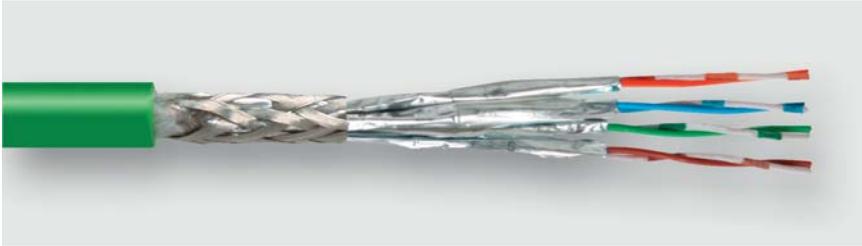


Technical data sheet · LÜTZE ELECTRONIC ETHERNET (C) PVC

PVC Network cables · ETHERNET · shielded



Identification	Type	EL ET (C) PVC (4×2×AWG24/7)StC Cat5e
	Part-No.	104336

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 moving 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×AWG24/7)StC
Cross-section AWG	AWG 24
Cross-section, metric	0.25 mm ²
Jacket material	PVC
Jacket color	green RAL 6018
Outer Ø	7.3 mm
Outer Ø	0.287 inch
Surface	adhesion-free matt
Weight	6.9 kg/100 m

02.03.2020 – Subject to technical modification

Part-No. 104336

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

Technical data sheet - LÜTZE ELECTRONIC ETHERNET (C) PVC

Weight	44.9 Lbs/Mft
Cu-Index	3.8 kg/100 m
Cu-Index	37 Lbs/Mft

Element 1

Element construction	(4×2×AWG24/7)
Conductor construction	AWG 24/7
Conductor	AWG conductor CU-wire bare
Conductor marking	white/blue blue white/orange orange white/green green white/brown brown
Conductor insulation	Special Polyolefin

overall construction

Overall stranding	stranded pairs
Overall wrapping	Fleece taping
Overall shield	foil shield braid shield tinned copper wires optical cover approx. 85%
Jacket characteristics	Silicone-free Flame-retardant

Technical data

Rated voltage	300 V V
Test voltage type	AC 1000 V
Temperature according to UL	75 °C
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
Category	Cat.5e
Ethernet Key	SF/UTP

Element 1

Element construction	(4×2×AWG24/7)
Operating capacitance wire-wire	48 pF/m

02.03.2020 – Subject to technical modification

Part-No. 104336

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

Technical data sheet - LÜTZE ELECTRONIC ETHERNET (C) PVC

Loop resistance	165 mΩ/m
Impedance	100 Ω

Certifications/Standards

Certifications	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



CC-Link IE Field

02.03.2020 – Subject to technical modification

Part-No. 104336

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