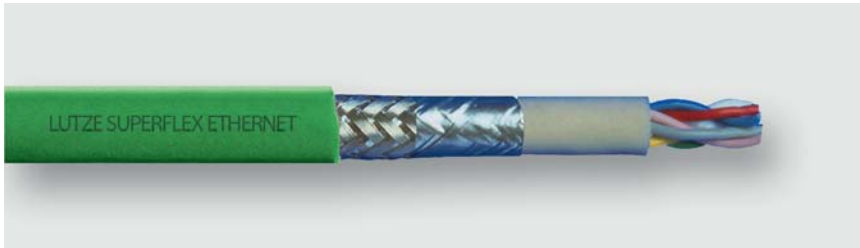


Technical data sheet · LÜTZE SUPERFLEX[®] ETHERNET (C) PUR

For highest requirements



PUR Network cables · ETHERNET · C-track compatible

Identification	Type	SU ET (C) PUR (4×2×AWG26/19)StC Cat5e
	Part-No.	104396

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 continuous flexing use e.g. in c-tracks or free movement in the automation technology, transport and conveyor technology, machine tool manufacture
Characteristics	<ul style="list-style-type: none"> • High active and passive interference resistance (EMC) • Silicone free • Halogen free • RoHS-compliant

Construction

Description	SUPERFLEX [®] ETHERNET (C) PUR
Number of conductors/cross-section	(4×2×AWG26/19)StC
Jacket material	PUR
Jacket color	green RAL 6018
Outer Ø	6.7 mm
Outer Ø	0.264 inches
Surface	adhesion-free matt

24.02.2019 – Subject to technical modification

Part-No. 104396

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SYSTEMATIC TECHNOLOGY

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Weight	5.1 kg/100 m
Weight	36 Lbs/Mft
Cu-Index	2.8 kg/100 m

Element 1

Element construction	(4×2×AWG26/19)
Conductor construction	AWG 26/19
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 shield	Foil shield Braid shield Tinned copper wires optical cover approx. 85%
Jacket characteristics	Flame-retardant Silicone-free Halogen free

Technical data

Rated voltage	300 V
Test voltage type	AC 1500 V
Temperature range moving	-30 °C ... +70 °C
Temperature range fixed	-40 °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×AWG26/19)
Operating capacitance wire-wire	48 pF/m

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Loop resistance	280 mΩ/m
Impedance	100 Ω

Approvals/Standards

Approvals	cURus
UL style	AWM 21198
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 FT1
Halogen free according to	DIN EN 60754-1 IEC 60754-1

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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