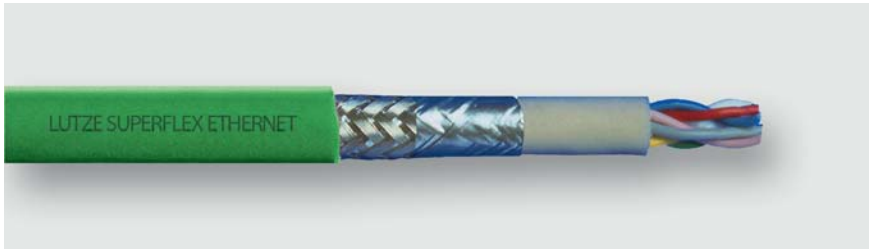
Technical data sheet · LÜTZE SUPERFLEX®ETHERNET (C) PUR
For highest requirements



PUR Bus cables · ETHERNET · C-track compatible

Identification	Type	SU BUS(C)P ET(2×2×AWG22/7)STC Cat.5
	Part-No.	104303

Use/Application/Characteristics	
Application	• For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol • For continuous flexible use e.g. in c-tracks or free movement in the automation technology, transport and conveyor technology, machine tool manufacture
Characteristics	• High active and passive interference resistance (EMC) • Silicone free • Halogen free • RoHS-compliant

Construction	
Description	SUPERFLEX Ethernet (C) PUR
Number of conductors/cross-section	(2×2×AWG22/7)StC
Jacket material	PUR
Jacket color	green RAL 6018
Outer ∅	6.5 mm
Outer ∅	0.256 inches
Surface	adhesion-free matt

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Weight	6.5 kg/100 m
Weight	41 Lbs/Mft
Cu-Index	3 kg/100 m
Cu-Index	24.9 Lbs/Mft

Element 1

Element construction	(2×2×AWG22/7)
Conductor	AWG conductor CU-wire bare
Conductor marking	blue white yellow orange
Conductor insulation	Special Polyolefin

overall construction

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

Technical data

Rated voltage UL	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

Element 1

Element construction	(2×2×AWG22/7)
Operating capacitance Ader-Ader	48 pF/m
Loop resistance	110 mΩ/m
Impedance	100 Ω

Approvals/Standards

Approvals	CMX cULus

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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 FT1
Halogen free according to	DIN EN 60754-1 IEC 60754-1

General

Note	**Note on laying PVC C-track cables in chapter 2 of the catalogue TK1.** **Bus cables for robot applications see chapter on robot cables.**
Note	CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

Symbols

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