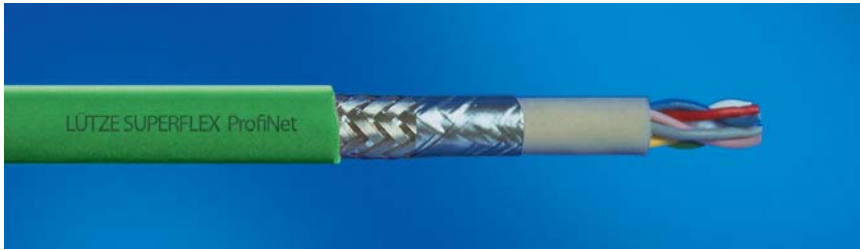


Technical data sheet - LÜTZE SUPERFLEX[®] ETHERNET BUS (C) PUR



BUS conductors - c-track compatible

Identification	Type	(2×2×AWG22/7)StC Cat5 UL
	Part-No.	104303
Use/Area of application		
Application	<ul style="list-style-type: none"> • For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol • Applicable in automation technology, transport and conveyor technology, machine tool manufacture • For continuous flexible application e.g. in c-tracks or free movement 	
Properties	<ul style="list-style-type: none"> • High active and passive interference resistance • Free from paint wetting disruptive substances (LABS-free), RoHS-compliant 	
Technical data		
Impedance	100 Ω ± 10 % (1–100 MHz)	
Loop resistance	Braid AWG 22/7= 0.34 ²	<110 Ω/km
Operating capacitance	< 50 pF/m	
Rated voltage	250 V	
Test voltage	1500 V	
Temperature range	moving	-25 °C to +70 °C
	fixed	-40 °C to +80 °C
Minimum bending radius	moving	D × 12
	fixed	D × 6
Burning behaviour	Flame-retardant according to VDE 0482 part 265-2; IEC 60332-1; UL 1581 section VW-1 Flame-Test; CSA FT 1	

22.06.2010 – Subject to technical modification

Part-No. 104303

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Halogen-free	according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2
Approvals	PLTC
Number of strands/cross-section	(2×2×AWG22/7)StC Cat5 UL
Outer-∅	6.5 approx. mm
Weight	6.1 kg/100 m
Cu-Index	3.1 kg/100 m

Design

Strand colours	Star quad; ProfiNet Transmission pair white/blue; yellow/orange
Conductor structure	Bare copper wire
Cable structure	Braid according to AWG
Conductor insulation	Conductor insulation special polyolefin
Inside jacket	Halogen-free inside jacket
Static shield	ST static shield
Overall shield	Galvanised copper wire braid, optical coverage ≥ 85 %
Outer jacket	Jacket special-PUR, matt, adhesion-free surface
Jacket colour	green RAL 6018

General

Note	Instructions for laying of c-track lines in Chapter 2 of catalogue TK1.
Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC

Logo



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