

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



BUS conductors · c-track
compatible

Identification	Type	(4×2×AWG26/19) Cat5e
	Part-No.	104326
Use/Area of application		
Application	• 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	• 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 26/19= 0.14 ²	<280 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. 104326

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Systematic Technology

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Halogen-free	according to DIN EN 50264-1; EN 50267-2-1 and EN 60684-2
Number of strands/cross-section	(4×2×AWG26/19) Cat5e
Outer-Ø	6.3 approx. mm
Weight	5.2 kg/100 m
Cu-Index	3.0 kg/100 m

Design

Strand colours	whiteblue/blue, whiteorange/orange, whitegreen/green, whitebrown/brown
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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