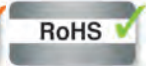


LÜTZE SUPERFLEX® BUS (C) PUR, Shielded

High Flexing DeviceNet™ Cable with UL Approval



Application

- For the wiring of industrial devices, sensors, control devices (SPS), valves
- DeviceNet™ is the leading BUS system for industry automation in the USA
- For continuous flexing applications in C-tracks or free movement in the automation technology, transport and conveyor technology, machine tool manufacturing

Characteristics

- 2-pair cable: The pair with the smaller cross section is for the data transmission, the pair with the larger cross section is for the power supply
- High active and passive interference resistance through double shielding (StC)
- Talc and Silicone free

Technical data

Impedance	120Ω ± 12Ω
Operating capacitance	< 40pF/m
Rated voltage	300V
Test voltage	3000V
Temperature range	Moving -20°C - +75°C Fixed -40°C - +80°C
Minimum bending radius	Moving 12 x cable OD Fixed 6 x cable OD
Burning behavior	Flame retardant per VDE 0482 part 265-2 IEC 60332-1 UL 1581 section VW-1 Flame test CSA FT 1
Halogen free	According to DIN EN 50267-2-1
Approvals	cULus CMX RoHS REACH

Construction

- AWG conductor
- Tinned copper wire
- Conductor insulation special polyolefin
- Both pairs statically shielded with foil shield, 100% coverage and drain wire
- Overall tinned copper braid shield ≥ 85%
- Jacket special PUR, matte, adhesion-free surface
- Violet jacket RAL 4001

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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DeviceNet™ Thick UL/CMX

104279	((2xAWG18)+(2xAWG16)) WH/BU, RD/BK	12.2	0.480	97	14
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DeviceNet™ Thin UL/CMX

104289	((2xAWG24)+(2xAWG22)) AWG22: RD, BK AWG24: WH, BU	7.0	0.276	57	19
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