

# LUTZE SUPERFLEX® DeviceNet™ 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 automation technology, transport and conveyor technology, machine tool manufacturing

### Characteristics

- 2-pair cable: The pair with the smaller cross section is for 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	1500V
Temperature range	Moving -20°C - +75°C Fixed -40°C - +75°C
Minimum bending radius	Moving 10 x cable OD Fixed 5 x cable OD
Burning behavior	Flame retardant per DIN EN 60332-1-2 IEC 60332-1 UL 1581 section VW-1 Flame Test FT 1
Halogen free	According to DIN EN 60754-1 IEC 60754-1
Approvals	cULus CMX CE 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 ≥ 80%
- Jacket special PUR, matte, adhesion-free surface
- Violet jacket RAL 4001

Specifications are subject to change without prior notice

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
----------	----------------------------------	------------------	------------------	-------------------	-------------------

### DeviceNet™ Thick UL/CMX

104198	((2xAWG18)+(2xAWG16)) WH/BU, RD/BK	12.2	0.480	43	20.7
--------	---------------------------------------	------	-------	----	------

### DeviceNet™ Thin UL/CMX

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