

LUTZE SUPERFLEX® DeviceNet™ BUS (C) PUR, Shielded

High Flexing DeviceNet™ Cable for Continuous Motion Applications



Application

- For the wiring of industrial devices, sensors and control devices
- For continuous flexing applications in drag chains or free movement in automation technology, transport and conveyor technology, machine tool manufacturing
- Compatible with all major drag chain brands
- Compliant with NFPA 79 requirements

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 protection against electromagnetic interference (EMI)
- Talc and silicone free

Technical data

Voltage	300V
Test voltage	1500V
Impedance	120Ω ± 12Ω
Operating capacitance	< 40pF/m
Temperature range	Moving -20°C - +75°C Fixed -40°C - +75°C
Bending radius min	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 FT 1
Halogen free	According to DIN EN 60754-1 IEC 60754-1
Approvals	CMX 75C Meets NEC 392, 800 RoHS, REACH

Construction

- AWG conductor
- Tinned copper wire
- Conductor insulation special polyolefin
- Both pairs shielded with foil shield, 100% coverage and drain wire
- Overall tinned copper braid shield 80%
- Jacket special PUR, matte, adhesion-free surface
- Violet jacket similar to RAL 4001

*TM registered trademark not associated with LUTZE

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™ Thin UL/CMX					
104289	((2xAWG24)+(2xAWG22)) AWG22: RD, BK AWG24: WH, BU	7.0	0.276	57	19