

LUTZE Electronic BUS (C) PVC, Shielded

Flexible 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 flexible use and stationary application
- 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 -10°C - +75°C Fixed -40°C - +75°C
Minimum bending radius	Moving 10 x cable OD Fixed 5 x cable OD
Burning behaviour	Flame retardant per VDE 0482 part 265-2 IEC 60332-1 UL 1581 section VW-1 Flame test CSA FT1
Approvals	cULus CMG 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
- Jacket special PVC, matte, adhesion-free surface
- 104288, 104282: Violet jacket RAL 4001
- 104281, 104280: Gray jacket RAL 7001

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/CMG, PLTC, violet

104288	((2xAWG18)+(2xAWG16)) AWG16: RD, BK AWG18: WH, BU	12.2	0.480	136	59.1
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DeviceNet™ Thin UL/CMG, violet

104282	((2xAWG24)+(2xAWG22)) AWG22: RD, BK AWG24: WH, BU	7.0	0.280	45	21.5
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DeviceNet™ Thick UL/CM, PLTC, gray

104281	((2xAWG18)+(2xAWG16)) AWG16: RD, BK AWG18: WH, BU	12.1	0.480	136	48.0
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DeviceNet™ Thin UL/CM, CI2, gray

104280	((2xAWG24)+(2xAWG22)) AWG22: RD, BK AWG24: WH, BU	7.1	0.280	49	17.8
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Specifications are subject to change without prior notice