

LUTZE CAN Bus (C) PVC, Shielded

Flexible CAN Bus Cable with UL Approval



- For wiring of industrial field bus systems
- For fixed installation or flexible and stationary application
- Automation technology, transport and conveyor technology, machine tool manufacturing

Characteristics

- High active and passive interference resistance (EMC)
- Talc and Silicone free

Technical data

Rated voltage	300V CMX
Test voltage	1,500V
Impedance	nom. 120Ω
Loop resistance	AWG24/7 < 175.2Ω/km AWG22/7 < 110.8Ω/km
Operating capacitance	< 60pF/m
Temperature range	Moving -10 °C - +70 °C Fixed -40 °C - +75 °C
Minimum bending radius	Moving 15 x cable OD Fixed 7.5 x cable OD
Burning behavior	Flame retardant per DIN EN 60332-1-2 IEC 60332-1
Approvals	cULus CMX RoHS REACH

Construction

- AWG conductor
- Bare copper wire
- Conductor insulation special polyolefin
- Conductors twisted pairs, cabled, foil banded
- Tinned copper braid shield, optical coverage ≥ 85 %
- Jacket special PVC TM2 according to HD21.1, 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
----------	----------------------------------	------------------	------------------	-------------------	-------------------

CAN Bus UL/CMX, 40 m / 131 ft max.

104386	(1x2xAWG24/7) WH/BN	5.7	0.224	29	13
104387	(2x2xAWG24/7) WH/BN, GN/YE	7.4	0.291	46	24

CAN Bus UL/CMX, 200 m / 656 ft max.

104388	(1x2xAWG22/7) WH/BN	6.7	0.264	39	18
104389	(2x2xAWG22/7) WH/BN, GN/YE	8.5	0.334	58	31