

LUTZE CAN Bus (C) PVC, Shielded

Flexible CAN Bus Cable for Stationary Applications



Application

- For wiring of industrial field bus systems
- Automation technology, transport and conveyor technology, machine tool manufacturing
- Compliant with NFPA 79 requirements

Characteristics

- High protection against electromagnetic interference (EMI)
- Flexible for easy installation
- Talc and silicone free

Technical data

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|-----------------------|--|
| Voltage | 300V |
| Test voltage | 1,500V |
| Impedance | nom. 120Ω |
| Loop resistance | AWG24/7 < 175.2Ω/km |
| Operating capacitance | < 60pF/m |
| Temperature range | Moving -10 °C - +70 °C Fixed -40 °C - +75 °C |
| Bending radius min | 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 | CMX 75C Meets NEC 392, 800 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 similar to 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 |
|----------|----------------------------------|------------------|------------------|-------------------|-------------------|
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CAN Bus UL/CMX, 40 m / 131 ft max.

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