

LUTZE SUPERFLEX® CAN Bus (C) PUR, Shielded

High Flexing CAN Bus Cable for Continuous Motion Applications



Application

- For wiring of industrial field bus systems
- 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

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

Technical data

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|-----------------------|--|
| Voltage | 300V |
| Test voltage | 850V |
| Impedance | nom. 120Ω |
| Operating capacitance | 40pF/m |
| Temperature range | Moving -30°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 UL 1581 section VW-1 FT 1 |
| Halogen free | According to DIN EN 60754-1 |
| Approvals | CMX 75C Meets NEC 392, 800 RoHS, REACH |

Construction

- AWG conductor
- Bare copper wire
- Conductor insulation special polyolefin
- Conductors twisted pairs or star quad cabled, foil banded
- Tinned copper braid shield, optical coverage 85%
- Special PUR jacket, 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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| 104101 | (1x2xAWG24/19) WH/BN | 6.5 | 0.256 | 32 | 17 |
| 104001 | (2x2xAWG24/19) WH/BN, YE/GN | 8.4 | 0.330 | 50 | 23 |