



CONTACT

Market information
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CAN-BUS cables with PVC jacket for fixed installation, shielded, flame retardant

STANDARDS

Product UL and CSA approval

APPLICATIONS

Interconnecting fieldbus cable for static application
 BUS cables to connect Controller Area Network components

Normative references

CAN standard and customers requirements
UL recognized / CSA approval



Operating temp.
 -20 ... 80 °C



Storage temperature, range
 -30 ... 80 °C



Flame retardant
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS

Construction characteristics

| | |
|--------------------|-----------------------------------|
| Conductor material | Bare copper |
| Insulation | Foam-skin |
| Insulation colour | DIN 47100 |
| Taping | Soft tape |
| Shielding | ≥85% tinned copper braid coverage |
| Outer sheath | PVC |
| Sheath colour | Violet RAL 4001 |

Electrical characteristics

| | |
|---------------------------------|---------|
| Rated Voltage U _o /U | 300 V |
| Characteristic impedance | 120 Ohm |
| Test voltage | 1500 V |

Transmission characteristics

| | |
|-----------------------|-------------|
| Attenuation at 1 MHz | 1.3 dB/100m |
| Attenuation at 5 MHz | 3.1 dB/100m |
| Attenuation at 10 MHz | 4.3 dB/100m |
| Attenuation at 20 MHz | 6.4 dB/100m |

Usage characteristics

| | |
|------------------------------|------------------------------------|
| Field of application | Static |
| Operating temperature, range | -20 ... 80 °C |
| Storage temperature, range | -30 ... 80 °C |
| Flame retardant | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |

PRODUCT LIST

| Reference | Country Ref. | Name | Construction type | Nominal outer diameter [mm] | Copper content [kg/km] |
|----------------|--------------|-------------------------|-------------------|-----------------------------|------------------------|
| ☎ 13-DRX24P01R | 13-DRX24P01R | CAN BUS PVC (1x2x0.22)C | (1x2x0.22)C | 5.7 | 17 |
| ☎ 13-DRX24P02R | 13-DRX24P02R | CAN BUS PVC (2x2x0.22)C | (2x2x0.22)C | 7.6 | 35 |

☎ = Make to order, 🏠 = In stock,