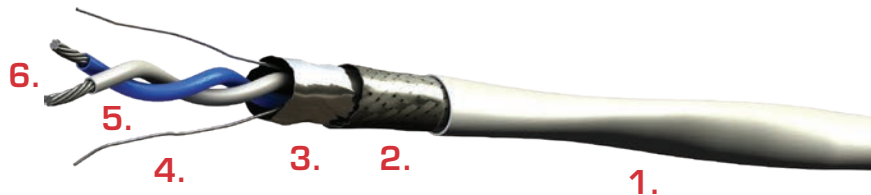


CABLE CONSTRUCTION

1. Fluoropolymer Jacket (White)
Laser Markable
2. Silver-Plated Copper Braided Shield
3. Fluoropolymer Binder
4. Fluoropolymer Fillers
5. Foamed Fluoropolymer Insulation
6. Silver-Plated High Strength
Copper Alloy Conductors



COLOR CODES

Blue, White

A Controller Area Network (CAN Bus) is a robust vehicle bus standard designed to allow micro-controllers and devices to communicate with each other in applications without a host computer. D10226-0 is a 120 Ohm controlled impedance cable designed to meet the high electrical demand of a CAN Bus cabling system.

D10226-0 incorporates design features that provide maximum electrical performance with high strength copper alloy conductors and silver plated copper shields. A foamed Fluoropolymer wire insulation is used to reduce signal loss and weight for longer lengths. Its laser markable jacket passes EN3475-503 scrape abrasion testing and is also flexible for ease of installation.

The D10226-0 cable materials are rugged and high temperature (+200°C) that pass the immersion (fluid) test for MIL-DTL-17H, Section 3.7.26 and EN3475-411. It is RoHS compliant, passes the FAA flammability requirements of FAR Part 23 and 25, and passes the Airbus and Boeing toxicity requirements.

PHYSICAL DATA

- Conductors 26 AWG (19/38) Stranded SPCA
- Shield Coverage 95% (Braid)
- Operating Temperature -55° to +200°C
- Outer Diameter: in (mm) 0.13 (3.30)
- Minimum Bend Radius: in (mm) 0.70 (17.78)
- Weight: lbs/100 ft (kg/100 m) 14.5 (21.6)

ELECTRICAL DATA

- Impedance: ohms 120
- Capacitance: pF/ft (m) 13.7 (44.9)
- Velocity of Propagation: % 80.0
- Dielectric Voltage Rating (kV RMS) 0.9
- DC Resistance: ohms/1000 ft (m) Max 44.8 (147.0)
- Attenuation: dB/100 ft (m) @ 1 MHz Max 0.9 (3.0)

All values nominal unless otherwise noted