

CAN Bus Communication Cable

This communication cable is designed for CAN (Controller Area Network) bus systems. It is suitable for fixed application or occasional movement in automation technology, combination control, and controller applications.



Overview

High-Performance CAN Bus Communication Cable

This CAN Bus communication cable is engineered for reliable data transmission in industrial and automotive environments. Featuring twisted pair construction and tinned copper braiding, it provides excellent resistance to external electromagnetic interference (EMI) and ensures steady signal integrity. The cable is designed for versatility, supporting both fixed installations and applications requiring occasional movement.

Electrical Specifications

Test Voltage

1500 V/min
Test Voltage

Rated Voltage	300 V
Characteristic Impedance	120 ± 15 Ω @ MHz

Mechanical & Environmental

Minimum Bending Radius

Application	Radius
Fixed Application	10D
Occasional Movement	15D

Temperature Range (Fixed)	-20°C to 70°C
Temperature Range (Occasional Movement)	-5°C to 60°C

Construction

Cable Construction

- Conductor: Stranded bare copper
- Insulation: Foamed PE
- Color Code: DIN47100
- Shielding: Tinned copper braiding
- Jacket: PVC (Purple, RAL4001)

Features

Key Features

Flame Resistant (IEC60332-1) • EMI Shielded • Stable Data Transmission • Flexible Installation