CAN Bus Cable

This CAN bus cable is widely used in many bus systems to build networks for automation technology. It is suitable for fixed applications or occasional movement and features a star quad cable design.

Overview

High-Performance CAN Bus Connectivity

This CAN Bus cable is engineered for reliable data transmission in industrial automation and automotive environments. It features a robust shielded construction using tinned copper braid to ensure excellent immunity against external electromagnetic interference. Designed for versatility, the cable offers steady data performance and a compact star quad design, making it suitable for demanding applications requiring high signal integrity.

Electrical Specifications

Rated Voltage	300 V
Test Voltage	1500 V
Characteristic Impedance	120 ± 15 © @ MHz

Mechanical & Environmental

Minimum Bending 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

Component	Material/Detail
Conductor	Stranded bare copper
Insulation	Foamed PE
Shielding	Tinned copper braid
Jacket	PVC (Purple, RAL4001)

Features

Key Features	Flame resistant (IEC60332-1), EMI Shielded, Star Quad Design, High Data Integrity