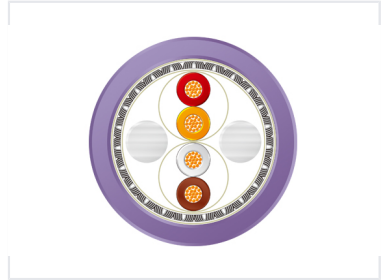


CANBUS FD-TP Communication Cable

This communication cable is widely used in various bus systems to establish networks for automation technology. It is suitable for applications requiring frequent movement, such as in the textile, construction machinery, and medical industries.



Product Overview

High-Performance CANBUS FD-TP Cable

The CANBUS FD-TP communication cable is engineered for reliable, high-speed data transmission in demanding CANBUS FD environments. Featuring a robust construction with tinned copper braiding for superior EMI protection and a durable PUR jacket, this cable ensures signal integrity in industrial automation and automotive applications. It is designed to withstand harsh conditions, offering excellent resistance to oil, abrasion, and hydrolysis while remaining halogen-free.

Electrical Specifications

Test Voltage

1500 V/min (AC)

Test Voltage

Rated Voltage

300 V

Characteristic Impedance

120±15Ω @ MHz

Mechanical & Environmental

Temperature Range

Application	Temperature
Fixed Application	-40°C ~ 80°C
Moved Application	-20°C ~ 70°C

Minimum Bending Radius

- Fixed Application: 10D (D = cable diameter)
- Moved Application: 15D (D = cable diameter)

Construction

Material Composition

Component	Material
Conductor	Fine stranded bare copper
Insulation	Foamed PE
Shielding	Tinned copper braiding
Jacket	PUR (Purple, similar to RAL4001)

Features

Key Features

Flame resistant (IEC60332-1), EMI resistant, Oil resistant, Abrasion resistant, Hydrolysis resistant, Halogen free