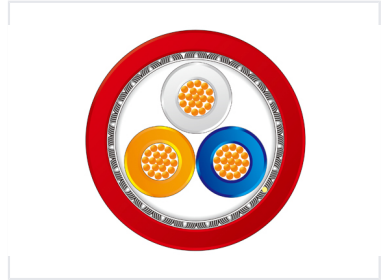


CC-Link FD Fieldbus Data Cable

This cable is used for testing sensors and propellers, enabling quick handling of control and information data within a CC-LINK system. It is well-suited for drag chain applications or frequent movement, such as in the automobile industry and hotel monitoring systems.



Overview

High-Performance Industrial Fieldbus Connectivity

The CC-Link FD Fieldbus Data Cable is engineered for high-speed, deterministic communication in demanding industrial automation environments. Featuring a robust PUR jacket, this cable offers exceptional resistance to oil, abrasion, and hydrolysis, ensuring long-term reliability. It is designed to provide stable data transmission and protection against external electromagnetic interference (EMI) for synchronized operation of controllers, sensors, and actuators.

Electrical Specifications

Test Voltage

2000 V

Test Voltage

Rated Voltage

300 V

Characteristic Impedance

110±15Ω @ MHz

Mechanical & Environmental

Temperature Range

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

Minimum Bending Radius

- Fixed Application: 7.5D
- Moved Application: 15D

Construction

Cable Construction

- Conductor: Stranded bare copper
- Insulation: Foamed PE
- Inner jacket: FRNC
- Shielding: Tinned copper braid
- Outer Jacket: PUR

Color Coding

White, Blue, Yellow, Red Jacket

Features & Compliance

Key Features

Flame Resistant (IEC60332-1) • EMI Resistant • Oil Resistant • Abrasion Resistant • Hydrolysis Resistant • Halogen Free