

# CC-Link IE Field Ethernet Cable

This Ethernet cable is used in CC-LINK IE Field and connected field configurable and monitoring equipment to manage and control data. It is suitable for fixed applications or occasional movement.



## Product Overview

### Industrial CC-Link IE Field Connectivity

This high-performance Ethernet cable is specifically engineered for CC-Link IE Field network environments, ensuring robust and reliable data transmission. It features advanced shielding to provide superior noise immunity against external EMI, making it ideal for demanding industrial automation applications. Constructed with durable materials, it offers excellent resistance to environmental factors, maintaining signal integrity in harsh operating conditions.

## Electrical Specifications

Test Voltage	1000 V/min
Characteristic Impedance	100 Ω
Insulation Resistance	e6@m

## Temperature Ratings

### Temperature Range by Jacket Type

Jacket Type	Fixed Application	Occasional Movement
PVC	-20°C to 70°C	-5°C to 60°C
LSZH	-40°C to 80°C	-5°C to 70°C
PUR	-40°C to 80°C	-20°C to 70°C

## Mechanical & Construction

### Minimum Bending Radius

**8 D**

Fixed Application

**15 D**

Occasional Movement

### Construction Materials

- Conductor: Stranded copper wire
- Insulation: PE
- Shield: AL/Mylar wrapped and tinned copper braiding
- Jacket Options: PVC, LSZH, PUR

## Features & Compliance

Key Features	Flame Resistance (IEC60332-1), EMI Resistant, Halogen Free (LSZH), Low Smoke (LSZH), Oil Resistant (PUR), Abrasion Resistant (PUR), Hydrolysis Resistant (PUR)
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