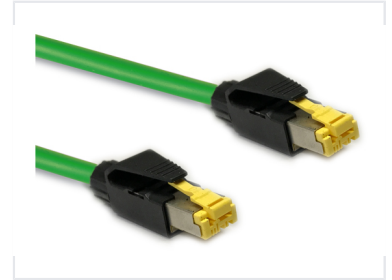


# PROFINET RJ45 to RJ45 Industrial Ethernet Cable

This patchcord is designed for PROFINET and widely used in industrial Ethernet. It can make two electronic equipments and two instruments directly connected and is suitable for fixed installation and indoor application.



## Product Overview

### Industrial PROFINET Connectivity

This PROFINET RJ45 to RJ45 Industrial Ethernet cable is engineered for robust data transmission in demanding automation and control environments. It features high-quality solid bare copper conductors and comprehensive shielding to ensure excellent resistance against external electromagnetic interference. Designed for flexibility and longevity, this CAT5e assembly supports seamless equipment integration across diverse industrial applications.

## Technical Specifications

### Characteristic Impedance

**100** ©

Impedance

### Protection Classification

IP20

### Minimum Bending Radius

Application Type	Bending Radius
Fixed Application	10D
Mobile Application	15D

## Environmental Data

### Temperature Range (PVC)

- Fixed: -20°C to 70°C
- Installation: -5°C to 60°C

### Temperature Range (FRNC)

- Fixed: -40°C to 80°C
- Installation: -5°C to 60°C

## Construction Details

Materials & Construction	Solid Bare Copper, PE Insulation, AL/Mylar Screen, Tinned Copper Braid, PVC/FRNC Jacket
Jacket Color	Green (RAL 6018)