

# CAT6A RJ45 to RJ45 Ethernet Cable Assembly

This CAT6A patch cord is suitable for use in automation technology and industrial applications and external interconnection of electronic equipment. It can be used in the system of EtherCAT, EtherNet/IP and CC-link IE and is suitable for flexible use and indoor installation.



## Product Overview

### High-Performance CAT6A Connectivity

This CAT6A RJ45 to RJ45 Ethernet cable assembly is engineered for demanding network environments, ensuring reliable data transmission and support for bandwidth-intensive applications. Constructed with high-quality materials including stranded copper wire and advanced shielding, it minimizes signal loss and interference. Its flexible design and durable construction make it an ideal solution for data centers, server rooms, and high-speed networking installations.

## Technical Specifications

### Characteristic Impedance

**100** ©  
Impedance

### Protection Classification

IP20

### Minimum Bending Radius

Application Type	Radius
Fixed Application	8D
Occasional Movement	15D

## Temperature Ratings

### Fixed Application Temperature

Jacket Material	Range
PVC	-20 to 70
LSZH/PUR	-40 to 80

### Installation Temperature

Jacket Material	Range
PVC/LSZH	-5 to 60
PUR	-20 to 80

## Construction & Materials

### Cable Components

- Conductor: Stranded copper wire
- Insulation: Foamed PE
- Shielding: AL/Mylar individual screen and tinned copper wire braid
- Jacket: PVC, LSZH, or PUR

### Available Jacket Colors

Yellow

## Compliance & Standards

### Reference Standards

ANSI/TIA-568-C.2, ISO/IEC11801, IEC60332-1

## Features

### Key Performance Features

- Excellent resistance to external EMI
- Flame resistant (IEC60332-1)
- Long service life
- Flexible for easy equipment changes
- High-performance CAT6A data transfer