

CAT5e RJ45 to RJ45 Ethernet Cable Assembly

This CAT5e patch cable is designed for automation technology and industrial environments. It facilitates external connections for electronic equipment and supports EtherCAT, EtherNet/IP, and CC-link IE systems.



Product Overview

High-Performance CAT5e Connectivity

This CAT5e RJ45 to RJ45 Ethernet cable assembly is engineered for reliable, high-speed data transmission in professional networking environments. Constructed with stranded copper conductors and a robust shielding system, it offers excellent resistance to external electromagnetic interference. Designed for versatility and durability, this cable supports flexible installation requirements and is suitable for a wide range of Ethernet-enabled devices.

Technical Specifications

Protection Classification

IP20

Characteristic Impedance

100 Ω

Reference Standards

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

Cable Construction

Materials

- Stranded copper conductor
- PE Insulation
- AL/Mylar screen
- Tinned copper wire braid

Jacket Materials

PVC, LSZH, PUR

Temperature Ratings

Fixed Application Temp

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

Installation Temp

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

Mechanical Properties

Minimum Bending Radius

8 D

Fixed Application

15 D

Occasional Movement

Flame Resistance Standard

IEC60332-1