

M12 X-Coded CAT6A Ethernet Patch Cord

This industrial Ethernet patch cord features M12 X-code connectors. It offers CAT6A performance, supporting speeds up to 10Gbps for EtherCAT and EtherNet/IP systems.



Overview

High-Performance Industrial Connectivity

The M12 X-Coded CAT6A Ethernet Patch Cord is engineered for reliable, high-speed data transmission in demanding industrial environments. Featuring shielded M12 X-code connectors on both ends, this cable provides excellent resistance to external electromagnetic interference (EMI) and environmental hazards. Its robust construction, including a durable jacket and IP67 protection, ensures long service life in automation and robotics applications.

Technical Specifications

Protection Classification

IP67

Characteristic Impedance

100 Ω

Coding

X

Min. Bending Radius (Fixed)

8D (D=cable diameter)

Flame Resistance Standard

IEC60332-1

Temperature Ratings

Operating Temp (Fixed Application)

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

Operating Temp (During Installation)

Jacket Material	Temperature Range
PVC/LSZH	-5 to 60
PUR	-40 to 80

Construction

Jacket Material Options

- PVC
- LSZH
- PUR

Cable Materials

Stranded Copper, Foamed PE Insulation, AL-Mylar Shield, Tinned Copper Braid

Key Features

Performance Highlights

6 A

Category

Properties

Waterproof, Shockproof, EMI Resistant, High Stability