

M12 to RJ45 Industrial Ethernet Cable Assembly

This cable assembly is suitable for industrial Ethernet and external interconnection of electronic equipment. It can be used in EtherCAT and EtherNet/IP systems, offering flexible use for indoor installation.



Product Overview

Industrial Connectivity Solution

This M12 to RJ45 Industrial Ethernet Cable Assembly is engineered for reliable data transmission in demanding environments, such as industrial automation and robotics. Utilizing 850nm multi-mode fiber optic technology, it effectively eliminates EM/RF interference while supporting high-speed transmission up to 10Gbps. Designed for durability and ease of use, it features high flexibility for towline applications and supports plug-and-play functionality.

Performance Metrics

Max Transmission Speed

10 Gbps

Transmission Speed

Maximum Transmission Distance

60 m

Technical Specifications

Towline Flexibility

> 5 million cycles

Max Current/Voltage

900mA / 5V

Fiber Optic Type

850nm multi-mode

Compliance & Features

Key Features

- Hot plug support
- Plug and play (no driver required)
- No external power supply needed
- EM/RF interference resistant
- Low power consumption

Standards Compliance

USB3.1 Vision, USB3.0