

Price of Nan Ya Industrial Ethernet High Temperature Resistant MPO Connector



Article Overview

The price of a high-temperature industrial MPO connector typically ranges from \$50 to \$200 per unit, depending on fiber count, specifications, and supplier.

Overview

Nan Ya Industrial Ethernet MPO connectors are designed for harsh environments, supporting high-density fiber connections while withstanding extreme temperatures, moisture, dust, and vibration. These connectors are commonly used in industrial automation, factory networks, and outdoor telecom installations. High-temperature resistant MPO connectors generally operate in ranges from -40°C to $+75^{\circ}\text{C}$ or higher, ensuring reliable performance in demanding conditions .

Factors Affecting Price

- **Fiber Count:** MPO connectors can support 8, 12, 24, or more fibers. Higher fiber counts increase cost due to precision alignment requirements .
- **Operating Temperature:** Connectors rated for extreme temperatures or ruggedized environments are more expensive than standard MPO connectors .
- **Compliance and Standards:** Industrial-grade connectors often comply with IP67/IP68 ratings and GR-1435-Core standards, which can affect pricing .
- **Supplier and Volume:** Prices vary by manufacturer and order quantity. Bulk purchases may reduce per-unit cost.

Estimated Price Range

Article Content

China Mpo Connector, Mpo Connector Wholesale, Manufacturers, Price ...

The Mpo Connector is a top choice in our Fiber Connector collection. There are several fiber connector types, including SC, LC, ST,

High-Temperature Connectors | McMaster-Carr

Choose from our selection of high-temperature connectors, including over 200 products in a wide range of styles and sizes. Same

Industrial Ethernet Connectors | RS

Buy from our selection of ethernet connectors from Industrial. At RS, we strive to give you the best offers from our supplier and to

Ethernet & Network Connectors

Typical uses include industrial Ethernet and local area network (LAN) applications where large volumes of data need to be

China Mpo, Mpo Wholesale, Manufacturers, Price | Made-in-China

MPO Indoor Optical Fiber Electronic Connection Cable for Industrial Control
US\$0.025-0.028 High Temperature Resistance Indoor

Industrial RJ45 Ethernet Connectors

Industrial RJ45 connectors are rectangular data connectors designed for Ethernet networking in industrial applications. Our portfolio

2026 MTP®/MPO Guide for 40G/100G/400G/800G Networks

Learn how MTP®/MPO connectors power high-density 40G/100G/400G/800G networks, AI fabrics and leaf-spine designs, with

White Paper

MPO connectors are typically available with 8, 12, or 24 fibers for common data center and LAN applications. Other fiber counts are

Buy MPO Connector for Data Centers & Telecom | FSG Networks

Buy MPO Connector for high-speed fiber networks, telecom & AI infrastructure. Reliable fiber connectivity with fast global supply.

Ethernet connector, Ethernet electrical connector

Rugged and reliable sealed RJ45 connectors that provide high performance Cat5e Ethernet connections in harsh environments. Our

Industrial Ethernet, RJ45, Mini I/O and M8/M12

TE's Industrial solutions for high-speed Ethernet networks and automation – both robotic and assembly – excel in reliability,

Temperature Resistant Ethernet and Bus Cables

Ethernet and bus cables are extremely temperature resistant and show very good flexibility. Those cables are especially applied in

Modular/Ethernet Connector (RJ45, RJ11) Jacks | Connectors ...

Shop DigiKey's large in-stock selection of Modular/Ethernet Connector (RJ45, RJ11) Jacks. View inventory, pricing and order now for

MPO Fiber Optic Connector Market Size (\$3.2 Billion) 2030

The Global MPO Fiber Optic Connector Market is projected to expand at a CAGR of 6.5%, climbing from an estimated USD 2.1

Ethernet Cables

These high-performance links are available with flange-mount, jam-nut, and in-line receptacles in Category 5e or Category 6,

High Temperature Cat 6A Ethernet Cable

Cicoil Cat 6A Ethernet Cables excel in high temperature applications. Our patented extrusion process encapsulates individually

Ethernet Connectors

Octopart's intuitive interface makes it easy to compare options from top modular ethernet connector manufacturers, check stock

MPO Cable Price Guide (2026): Factory Direct Cost Analysis & Specs

In this guide, we will break down the manufacturing costs and introduce a “Tiered Pricing Strategy” to help you choose the right cable

Industrial Fiber Optic Cable Price Guide: Cost Factors & Selection

Industrial fiber cable price is determined by fiber type, cable structure, materials, environmental rating, fiber count,

Ethernet connectors

Our industrial connectors for Industrial Ethernet with protection class IP20 and IP67 as well as inserts for copper cables and fibre

MPO connector

Operating temperature: -40 °C - 75 °C ... between outdoor RRU (AAU) and BBU, with two types such as maintenance window and

Contact Us

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