

Wholesale of E-Port to Fiber Optic Modules



Overview

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Key Takeaways

Wholesale E-Port to fiber optic modules are available from global suppliers offering SFP, QSFP, QSFP-DD, and AOC modules for high-speed data transmission in enterprise and data center networks. Key Wholesale Suppliers

- COBTEL: Offers 400G and 800G optical modules, including QSFP-DD, OSFP, and AOC solutions. Their products support IEEE 802.3 standards, hot-pluggable form factors, and high-performance silicon photonics for single-mode and multi-mode applications, suitable for AI clusters and hyperscale data centers .
- UnitekFiber: Provides a wide range of MSA-compliant optical transceivers, including 10G SFP+, 40G QSFP+, 100G QSFP28, 200G QSFP-DD, and 400G QSFP-DD modules. They also supply active optical cables (AOC) for high-speed, low-latency connections, ideal for data centers and telecom networks .
- Wolontek: Specializes in OEM/ODM fiber optic solutions compatible with Cisco, Juniper, Arista, Huawei, Dell, and over 200 global brands. They offer QSFP-DD DCO transceivers for 400GBASE-ZR, 800G Ethernet over OM4 multimode fiber, and MPO cables for high-density patching .



- **Global Sources:** Hosts a catalog of over 600 fiber-optic modules from manufacturers with factory-direct pricing, fast shipping, and wholesale options, making it a convenient platform for bulk procurement .

Product Types and Features

- **SFP/SFP+/SFP28:** Common for 1G-25G connections, hot-swappable, low power consumption.
- **QSFP/QSFP28/QSFP-DD:** High-speed modules for 40G-400G networks, supporting multi-mode and single-mode fiber.
- **AOC (Active Optical Cable):** Combines optical transceivers with fiber cable for plug-and-play high-speed connections, reducing latency and interference.
- **MPO/MTP Connectors:** Used for high-density fiber patching, supporting OM3/OM4/OM5 fibers.

Considerations for Wholesale Purchase

- **Compatibility:** Ensure modules are compatible with your existing switches and routers.
- **Port Speed:** Match module speed (10G, 40G, 100G, 400G, 800G) with network requirements.
- **Fiber Type:** Single-mode (SMF) for long distances, multi-mode (MMF) for short-range connections.
- **OEM/ODM Services:** Some suppliers offer private labeling, custom lengths, and specific polarities.
- **Bulk Pricing:** Factory-direct suppliers often provide discounts for large orders. By sourcing from these wholesale suppliers, businesses can efficiently equip data centers, enterprise networks, and AI clusters with high-performance E-Port to fiber optic modules, ensuring low latency, high bandwidth, and reliable connectivity.

Article Content

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Fibre SFP Transceiver Modules & SFP Connectors | RS

Fibre SFP Transceiver Modules An SFP stands for Small Form-Factor Pluggable also known as miniGBIC (gigabit interface

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4 nnect the Fiber Optic Cable For Duplex LC Cable: Attach the TX (transmit) fiber to the module's TX port and RX

Optical Transceiver Market Size, Growth Drivers | Industry Report 2031

For this methodology, the optical transceiver market covers revenue from completed optical transceiver modules that

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

