

Industrial-grade optical modules directly from the manufacturer

Article Overview

Industrial-grade optical modules are available directly from manufacturers like GIGAC, Unitekfiber, COBTEL, and Wolon, offering high-performance, customizable, and factory-tested solutions for demanding environments.

Leading Manufacturers and Suppliers

GIGAC Communication Technology specializes in industrial-grade optical modules for power systems, automation, rail transit, renewable energy, and mission-critical control equipment. Their portfolio includes POF transceivers, 25G SFP+/DWDM modules, and plug-and-play replacements for AVAGO/Broadcom HFBR series. Products are designed for high stability, low power consumption, strong EMI/ESD protection, and long lifecycle performance, supporting -40°C to $+85^{\circ}\text{C}$ operation and passing CE/FCC/RoHS compliance. They also offer wholesale and customization services for various data rates and interface options .

Unitekfiber provides a wide range of MSA-compliant optical transceivers, including 10G SFP+, 40G QSFP+, 100G QSFP28, 200G QSFP-DD/QSFP56, and 400G QSFP-DD modules. Their modules are engineered for low latency, high reliability, and full compatibility with major OEM hardware, making them suitable for data centers, enterprise networks, and AI clusters. They support high-speed interconnects and evolving rates up to 800G and beyond .

COBTEL focuses on high-speed 400G/800G optical modules, including QSFP-DD, OS...

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GD Optics is one of the leading international suppliers for the development and production of optical components for high-tech

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Industrial networks demand optical transceivers that survive vibration, dust, wide temperature swings and long service lifetimes.

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JML Optical specializes in designing and manufacturing precision optics, optical lens assemblies and optics modules for life science

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We provided industrial-grade SFP28 25G optical modules, which were specially optimized for temperature

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DSown Designers And Manufacturers Of Optical Transceiver

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Find your fiber optic transceiver easily amongst the 153 products from the leading brands (ERA-SIB,

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10 Best Fiber Optic Manufacturers for 2026

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Optical modules & systems | An overview

Our optical systems are used worldwide and in a wide variety of industries. They form the basis for a wide

Contact Us

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