

Original optical module supplier



Overview

Top 10 Optical Module Brand & Manufacturers After more than 20 years of hard work, O-Net Technology has grown into the world's largest supplier of optical.

Key Takeaways

Top optical module suppliers include Innolight, Eoptolink, Accelink, Linktel, CIG Shanghai, Xutron Technology, II-VI, and Cisco, offering high-speed transceivers for data centers, telecom, and enterprise networks. Leading Optical Module Manufacturers1. Zhongji Innolight Co., Ltd. – A global leader in high-end optical communication modules, Innolight provides 100G, 200G, 400G, and 800G modules for cloud data centers and telecom networks.

They integrate R&D, design, packaging, testing, and sales, offering solutions for 5G fronthaul, midhaul, backhaul, and backbone networks. 2. Eoptolink Technology Inc., Ltd. – Based in Chengdu, China, Eoptolink specializes in high-speed optical modules and devices for data centers, FTTx, LTE, and transmission networks.

They are recognized as a national high-tech enterprise and provide advanced optical solutions. 3. Accelink Technologies Co., Ltd. – A leading optical communication supplier with a full industry chain from chips to modules and subsystems.

Accelink focuses on high-end optical modules, silicon photonics, and high-speed lasers for telecom and data networks. 4.



Linktel and CI

G Shanghai Co., Ltd. – These companies provide a range of optical modules and components, supporting high-speed data transmission and integration with telecom and enterprise networks. 5. Xutron Technology and II-VI (including Finisar acquisition) – Ranked among the top global suppliers, these companies lead in optical module market share, offering a wide range of transceivers for long-distance and high-speed applications.

6. Cisco – Through acquisitions like Acacia and Luxtera, Cisco provides optical modules compatible with major networking equipment, supporting both enterprise and telecom applications. 7.

Topstar Technology Industrial Co., Ltd. – Offers SFP, QSFP28, CFP, and 800G modules, compatible with Ethernet, Fibre Channel, SONET/SDH/OTN, and PON standards, suitable for data centers and 5G networks.

Product Types and Applications

Optical modules include SFP, SFP+, XFP, X2, Xenpak, QSFP, CFP, CWDM, DWDM, and BiDi transceivers, supporting data rates from 10G to 800G. They are used in: Data centers for high-speed interconnects Telecommunications networks for long-distance and metro transmission Enterprise networks for reliable, high-bandwidth communication

Choosing a Supplier When selecting an optical module supplier, consider: Product quality and reliability Certifications such as ISO 9001, RoHS, and Telcordia GR-326 Customization options for wavelength, data rate, and form factor Lead times, which can range from weeks to months depending on order complexity Reputation and customer support in the industry.

Summary

For high-speed optical communication needs, Innolight, Eoptolink, Accelink, Xutron, II-VI, Cisco, and Topstar are among the most reputable suppliers globally. They provide a wide range of optical modules and transceivers suitable for data centers, telecom, and enterprise networks, with options for customization and compliance with industry standards.

Frequently Asked Questions

What does an optical transceiver do?

Optical modules are mainly packaged by optoelectronic devices TOSA/ROSA, functional circuits and optoelectronic interface components. The optical t...

What is the optical module industry chain?

The upstream industry of optical modules mainly includes optical chips, optical components and optical devices, and the downstream industry mainly...

Who are the main manufacturers and suppliers in the optical module industry chain?

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Article Content

Top 10 Optical Module Brand & Manufacturers

After more than 20 years of hard work, O-Net Technology has grown into the world's largest supplier of optical communication components, modules and subsystems, and has taken the lead in multiple

OEM Laser Modules – Buyer's Guide & Supplier List

This buyer's guide for OEM laser modules provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

10 companies in the optical transceiver industry chain 2024

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver industry chain for you.

Semiconductor Manufacturing Optics | ZEISS SMT

High-quality optical components and modules (no sales in Germany) for lithography lasers and special microscope lenses for wafer

Genuine Transceiver Modules

GenuineModules is a reliable supplier of optical interconnect products for use in fiber optic networking, including optical transceiver modules, direct attach cables,

OEM Optical Communication Solutions

We design and manufacture a broad range of high-performance fiber optic components and integrated modules for original equipment manufacturers (OEMs) within the optical network equipment market.

RP Photonics Buyer's Guide

Here you find all 1765 registered suppliers in alphabetical order. Click on a letter to find the suppliers beginning with that letter (or with a digit) more quickly: Display filter for continents: Another way of

Topstar -

Topstar is a leading optical modules manufacturer and optical solutions provider. We are dedicated to helping you build, connect, protect and optimize your network.

dutch-original-optical-module Manufacturer/Producer

19 suppliers for dutch-original-optical-module Manufacturer/Producer Find wholesalers and contact them directly B2B marketplace Find companies now!

OEM Manufacturing

Optopax offers full-service OEM manufacturing for custom camera modules, with support for both chip-on-board (COB) and packaged image sensors, giving our clients the flexibility to balance

All AI Data Center Interconnects Will Be Optical Within

All AI Data Center Interconnects Will Be Optical Within 5 Years InP and SiPho join CMOS as critical technologies. Lasers, CPO and OCS will be

Coherent Breaks Ground on Expanded Texas Facility, Scaling AI's Optical ...

Coherent's expansion at its Sherman, Texas, campus scales what it calls the world's first volume production 6-inch indium phosphide fab, a key supplier across NVIDIA's AI stack.

13 SFP Module Manufacturers in 2026

13 SFP Module Manufacturers in 2026 This section provides an overview for sfp modules as well as their applications and principles. Also, please take a look at the list of 13 sfp module manufacturers

Top 10 Optical Module Brand & Manufacturers

Find the Top 10 Optical Module brand, manufacturers, and exporters. Get the contact details and addresses of companies producing Keywords.

Latest Ranking Of Top 10 Global Optical Module Suppliers

Recently, LightCounting, a well-known market research organization in the optical communication industry, released the latest issue of its market report and updated the TOP10

Optic transceiver module OEM and ODM supplier | INPHITECH

OEM & ODM Supplier Core Competitiveness Inphitech's core competitiveness comes from our leading research and development and innovation capabilities, original optical design packaging platform,

Top 10 Global Optical Modules in 2023: Chinese

Recently, LightCounting, a market research institution in the optical communication industry, released the latest version of the 2023 global optical

Intelligent Power and Sensing Technologies | onsemi

The leader in intelligent power and image sensing technologies that build a better future for the automotive, industrial, cloud, medical, and IoT markets

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

