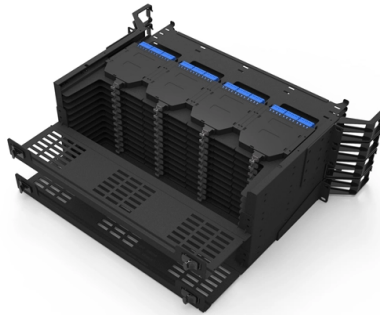


Optical modules are not selling well



Overview

Demand for optical connectivity remains strong, but component shortages hobbled growth in sales of optical transceivers in Q4 2024. The first half of 2025 will be impacted as well. Data centers, large enterprises, and operators are all driving this market's activity in various scenarios. The reasons behind this are related to product lifecycle management, as well as cost control and. Data centers will keep dominating optical module demand as AI and cloud drive revenue growth through 2030. Optical module demand is being pulled in two directions at once, faster bandwidth for dense networks and tighter constraints on power, security, and lead times. With global R&D projected to. According to the latest June 2025 Quarterly Market Update by renowned research firm LightCounting, the global optical transceiver market is set to rebound in Q2 2025 with a projected 10% quarter-over-quarter growth. The key growth driver is the rising demand for 800G Ethernet optical modules. Optics Module by Application (OEM, Aftermarket), by Types (Single Mode Optical Modules, Multi Mode Optical Modules), by North America (United States, Canada, Mexico), by South America (Brazil, Argentina, Rest of South America), by Europe (United Kingdom, Germany, France, Italy, Spain, Russia. al shortfalls in networking optics supply could hinder data center and AI expansion. This article explores current trends in networking optics technology s well as the market factors affecting.



Article Content

Intel Divests Its Pluggable Optical Module Business

Update 2023-10-31 Jabil Buys the Intel Pluggable Silicon Photonics Business [Editor's note: As I am editing this, I have one on my desk.] Intel Divests Its

Deep Dive: Optical Module Market

Today, I'm excited to share an in-depth analysis of the global optical module market, an industry I find particularly compelling due to its critical role in data center networks for the

Optical Modules Market Size, Trends & Forecast 2025-2035 | Core

Discover Optical Modules Market trends, growth analysis, key segments, and regional insights. Forecast 2025-2035. Explore industry opportunities now!

Report: In 2029, 800G Optical Modules Will Occupy

A recent report released by McKinsey, an internationally renowned research organization, pointed out that the supply chain bottleneck of optical transceivers

LightCounting :: Component shortages limit growth in

Demand for optical connectivity remains strong, but component shortages hobbled growth in sales of optical transceivers in Q4 2024. The first half of 2025 will be

Global Leader in Materials, Networking, and Lasers

Learn how Coherent empowers innovations and breakthrough technologies for the industrial, communications, electronics, and instrumentation markets.

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

Key point: LPO and SiPh lower Chinese optical module companies' DSP/EML dependence, but dependence on the top of the value chain (chip IP, foundries) does not fully disappear.

POET Technologies Announces Closing of US\$400 Million Investment

POET is a design and development company offering high-speed optical engines, light source products and custom optical modules to the artificial intelligence systems market and to

Global optical module sales reach \$4.25 billion in H1 2022

The global Ethernet optical module market share in Q1 and Q2 2022 amounted to USD 1,112/ 1,207 million respectively, and the sales revenue in Q2, although lower than the record high in

McKinsey Direct Opportunities in networking optics ...

Optical transceivers and their various components are integral to supporting capacity and performance within various configurations for data center optics (exhibit).

Optical Transceiver Modules Market Size and Growth Report, 2035

OPTICAL TRANSCEIVER MODULES MARKET OVERVIEW The global Optical Transceiver Modules Market size estimated at USD 9512.61 million in 2026 and is projected to reach

Inside Nvidia's \$4B Optical Strategy--And Why CPO Changes Everything

Nvidia Corporation's \$2B bets on Coherent & Lumentum signal a major CPO rollout as it battles Broadcom. Click for this NVDA stock update.

Optical Module Package Market 2025

The optical module market has become increasingly competitive, with average selling prices declining at approximately 15-20% annually for mainstream products. Chinese manufacturers have significantly

Optical Transceiver Market Report: Size, Growth,

Optical Transceiver Market size is projected to reach USD 37.61 Billion by 2032, growing at a CAGR of 14.9% from 2026 to 2032 The report provides key trends,

Optical Module Industry Statistics 2026

Competition in the 400G optical module segment intensified in 2023, with over 20 manufacturers entering the market, leading to a 12% decrease in average selling prices.

Why Are Used Optical Modules Returning to the Market?

The following analysis examines the inevitability of the resale of used optical modules from three core scenarios, drawing an analogy to the used mobile phone market to help you better...

Why Are Used Optical Modules Returning To The Market? —

In the optical communication industry, the resale of used optical modules is no secret. Data centers, large enterprises, and operators are all driving this market's activity in various

Global Optical Modules Market Segmentation Analysis 2026-2033

The Optical Modules market is an integral component of the telecommunications landscape, facilitating high-speed data transmission across various industries, including telecommunications, data centers,

Optical Modules Market Size, Trends, Growth & Forecast Report to 2030

Navigate the historic market size, key trends, growth drivers, and future opportunities shaping the optical modules market's evolution.

Optical Module Not Working? How to Troubleshoot in Minutes!

If your optical module isn't working properly, how to find and fix the problem? We list 5 main issues to help locate and repair network faults!

Optical Module Market Size, Competitors & Forecast to

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

Optical Module: A Comprehensive Analysis from Source

Optical modules are key transmission components in communication networks, and their applications, technologies, types, and terminology are

Optical Modules Market Size, Growth Trends

Optical Modules Market size was valued at USD 3.5 billion in 2025 & is estimated to reach USD 8.2 billion by 2034, exhibiting a CAGR of 10.3% from

Understanding Optics Module Trends and Growth Dynamics

The Optics Module market is expanding rapidly, driven by data center proliferation and 5G deployment. Analyze the 12% CAGR to \$42 billion by 2033 with our market insights.

800G Optical Modules Drive Market Recovery in 2025

The key growth driver is the rising demand for 800G Ethernet optical modules, alongside the initial commercial shipments of 1.6T modules, which are

Optics Transceiver Module Market 2025

The optics transceiver module market is experiencing robust growth driven by the exponential rise in data center investments globally. Hyperscale data center operators are deploying 400G and 800G

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

Everything You Need to Know About Optical Modules

Optical modules are electronic devices used in communication systems to transmit optical signals. These modules convert electrical signals into optical

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://kilitech.co.za>

Email: info@kilitech.co.za

Phone: +44 20 7183 2649

Address: 1st Floor, The Shard, 32 London Bridge Street, London, SE1 9SG,
United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

