



Adam Tas Corridor Energy

Annual Shipments of Optical Modules by Optical Communications





Overview

BOSTON (January 7, 2025) – Total shipments of leading-edge datacom optical modules are projected to tally over \$9 billion for 2024, according to the latest Optical Components Report from research firm Signal AI. Optical communications are driving huge economic growth, cutting costs and boosting faster, energy efficient connectivity worldwide. Segments - by Product Type (Transceivers, Cables, Amplifiers, Splitters, and Others), Application (Data Centers, Telecommunications, Enterprises, and Others), Data Rate (10G, 25G, 40G, 100G, 400G, and Others), Form Factor (SFP, QSFP, CFP, and Others), and Region (Asia Pacific, North America, Latin. 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. Unit shipments of 400G and 800G modules have grown nearly fourfold over the past 12 months and are expected to.



Annual Shipments of Optical Modules by Optical Communications

Optical Component Revenue Reaches Nearly \$25B in



Total shipments of high-speed datacom modules (400GbE and above) are expected to reach 42 million units in 2025, led by 800GbE growth; 1.6TbE

Optical Transceiver Market Size, Share, Analysis 2030

The global Optical Transceiver Market size in terms of revenue was estimated to be worth \$13.6 billion in 2024 and is poised to reach \$25.0 billion by 2029, growing



LightCounting Calendar

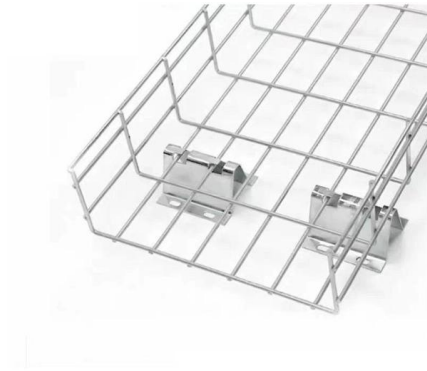
A detailed Excel spreadsheet accompanies the report, providing a five-year forecast of wireless and FTTx optics shipments, prices, and revenues, broken down by speeds, reaches, and

800G Optical Modules Drive Market Recovery in 2025

800G modules drive optical market recovery in Q2 2025, with initial 1.6T shipments. This article



highlights key trends in data center optics and AI



400G optical transceiver shipments to triple by 2025

These advantages make optical communication indispensable for AI infrastructure, driving the growth of 800Gbps and 1.6Tbps optical transceivers. Upgraded traditional servers are also



Optical Communications Industry Statistics 2026

Our in-depth market data report on Optical Communications Industry. Explore verified statistics and the latest research.



LightCounting optical transceiver report asks what it will

LightCounting has released the April edition of its Optical Communications Market Forecast Report. The report provides a detailed market demand forecast through





AI drives ramp-up in datacom optics - report

Total shipments of leading-edge datacom optical modules are projected to tally over US\$9 billion for 2024, according to the latest Optical



800G Optical Modules Drive Market Recovery in 2025

While 1.6T modules will enter initial production in 2025, shipments will remain limited--below one million units--and will have minimal impact on the

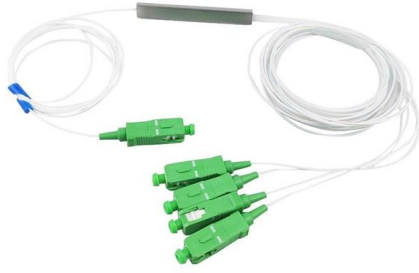
Demand for Datacom Optical Modules Reaches Record

Spending on Datacom optical components was up more than 90% YoY as AI applications of 400GbE and 800GbE optical modules for AI



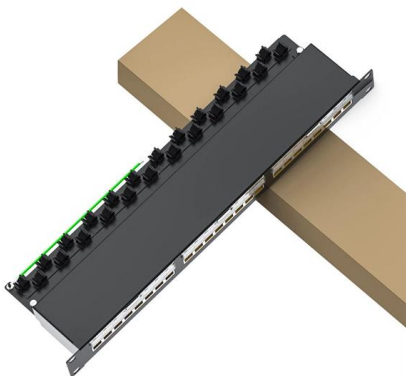
Active Optical Module Market 2025

MARKET INSIGHTS The global Active Optical Module Market was valued at 5916 million in 2024 and is projected to reach US\$ 15140 million by 2032, at a CAGR of 14.7% during the forecast period. Active



Optical Transceiver Market Size, Share, Industry Report

Optical Transceiver Market Size The global optical transceiver market was valued at USD 13.4 billion in 2025. The market is expected to grow from USD 15.4 billion in



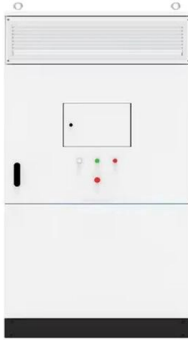
1Q24 High-speed Datacom Optical Module Shipments

2.This quarter, over 3 million high-speed datacom optical modules were shipped. These modules are used to support connections for AI clusters

Global Optical Modules Market Research Report 2026

The Optical Modules market size, estimates, and forecasts are provided in terms of output/shipments (K Units) and revenue (US\$ millions), with 2025 as the base year and historical





Optical Modules Market Size, Growth Trends & Forecast

Access detailed insights on the Optical Modules Market, forecasted to rise from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, at a CAGR of 10.3%.

2025 Optical Module Market Share and Demand Report

The 2025 optical communication industry is driven by AI data centers (AIDCs) and 5G rollouts, with high-speed optical modules (400G/800G/1.6T)



Optics Transceiver Module Market 2025

Key focus areas of the report include: Market Size & Forecast: Historical data and future projections for revenue, unit shipments, and market value across major regions and segments. The Global Optics

Optical Transceiver Market Size, Share, Trends

Optical Transceiver Market Trends Increasing Adoption of Silicon Photonics Technology to Aid Market Growth The use of silicon photonics as an



LightCounting Calendar

Our research spans the entire supply chain of the global communications industry. This brochure summarizes our coverage of AI Clusters, Data Centers and Optical Networks with in-depth



Deep Dive: Optical Module Market

What are Optical Modules? Optical modules are devices used in fiber optic communications to transmit and receive data through optical fibers. They convert electrical signals



LightCounting :: With Record High Shipments in 2020, the Optical

Transceiver Industry is on Track to Ship One Billion Ethernet Transceivers by 2028, Despite a Lower Sales Forecast for the Next Five Years
September





Sunny Optical Technology (Group) Company Limited (SOTGY) Q4

Welcome to Sunny Optical Technology Group Company Limited's 2025 Annual Results announcement. I'm Crystal from IR Department. Thank you for your long-standing support and



Optical Modules Market Research Report 2034

The shift from electrical to optical interconnects at ever-shorter

Over 20 Million 400G & 800G Datacom Optical Module

Unit shipments of 400G and 800G modules have grown nearly fourfold over the past 12 months and are expected to surpass 20 million for 2024. "Optical



Optical Module Chip Market 2025

This market research report provides a comprehensive analysis of the global and regional Optical Module Chip markets, covering the forecast period 2025-2032. It offers detailed insights into market



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

Optical Modules Market Outlook The global optical modules market is projected to reach a valuation of approximately USD 20 billion by 2035, with a compound annual growth rate (CAGR) of around 12%



Optical Transceiver Market Size to Grow by USD 12.56

In May 2024, Lumentum Holdings Inc., a leading provider of optical and photonic technology components for various markets, completed the acquisition of Oclaro Inc., a manufacturer of optical

Optical Components

Optical Components Report Report Overview: Provides quarterly corporate revenue market share by end-market segment and quarterly shipment





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