The Trap of Undervaluing Optical Modules



Overview

Guosheng Securities notes that the pricing logic for optical modules is more sustainable: as specs advance from 400G to 1.6T, unit prices rise while cost per bit continues to fall.

Article Content

Why the Logic Behind Optical Module Price Hikes Is More ''Healthy''

Guosheng Securities notes that the pricing logic for optical modules is more sustainable: as specs advance from 400G to 1.6T, unit prices rise while cost per bit continues to fall. This ''tech-driven

Report: In 2029, 800G Optical Modules Will Occupy About 70% Of

A recent report released by McKinsey, an internationally renowned research organization, pointed out that the supply chain bottleneck of optical transceivers (optical modules) may become a key obstacle

Optical Modules

This report aims to provide a comprehensive presentation of the global market for Optical Modules, focusing on the total sales volume, sales revenue, price, key companies market share and

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

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Seven of the global top 10 optical module suppliers in 2024 were Chinese companies (including Source Photonics, acquired by Chinese capital). Innolight and Eoptolink are estimated by

LightCounting :: Component shortages limit growth in transceiver sales

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.

Traction of embedded optical modules highlighted in Counterpoint report

Embedded or integrated semiconductor optical modules are starting to gain traction, with the shipments of On-Board Optics (OBO), Near-Packaged Optics (NPO) and Co-Packaged Optics

In-Depth Analysis of the Optical Module Industry: Driving ...

Today we share: In-Depth Analysis of the Optical Module Industry: Driving Factors, Current Status and Trends, Industry Chain and Related Companies. The report consists of a total of

Optical Modules Future-Proof Strategies: Market Trends 2026-2034

This section offers detailed insights into various optical module types, including receiver modules, transmitter modules, transceiver modules, and transponder modules.

Deep Dive: Optical Module Market

Today, I''m exicited 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 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

Understanding Optical Module Interconnection Principles

Optical module interconnection is not simply about plugging in, but about a comprehensive understanding of communication standards, link performance, and device compatibility.

Optical Modules Market Size, Growth Trends & Forecast

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The Optical Modules Market encompasses the design, manufacturing, and deployment of compact, high-performance devices that facilitate the transmission and reception of optical signals

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, advancing at a compound annual

Optics Transceiver Module Market 2025

Optics Transceiver Module Market size was valued at US$ 12.67 billion in 2024 and is projected to reach US$ 28.94 billion by 2032, at a CAGR of 10.84%

Optical Modules Evolution and Innovation From 400G to 1.6T

Explore the evolution of optical modules in speed and form factors from 400G to 1.6T, stressing key enhancement technologies, and paths to achieving high-speed optical modules.

Optical Modules Market Size, Future Growth and Forecast 2033

The global optical modules market is projected to reach a valuation of USD 15.8 billion by 2033, growing at a compound annual growth rate (CAGR) of 7.5% from 2025 to 2033.

Optical Module Chip Market 2025

Optical Module Chip Market size was valued at US$ 823 million in 2024 and is projected to reach US$ 1.52 billion by 2032, at a CAGR of 8.0%

Optical Module Evolution: From 400G to 3.2T

Optical Module Evolution: From 400G to 3.2T Driven by the explosive growth of artificial intelligence (AI), cloud computing, 5G, and emerging immersive applications, data centers are

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