

When building large-scale network projects, operators often over-purchase spare parts (such as about 10% more optical modules) to cope with unexpected failures or delivery delays.

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 ...

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 ...

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 ...

Co-packaged optics (CPO) is a design approach that integrates the optical engine and switching silicon onto the same substrate without requiring the signals to traverse the PCB. The levels of integration ...

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 ...

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 infrastructure investment.

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Our research indicates that demand for 400G/800G and even 1.6T optical modules for cloud data centers and AI training clusters has been accelerating over the past two years, with the ...

OFC and GTC are entangled because data center AI needs optical interconnect to keep compute fed. Optical interconnect enabled the internet with transoceanic and transcontinental high ...

The optical module and data center interconnect (DCI) market is experiencing significant expansion, driven by the escalating demand for high-bandwidth connectivity, cloud computing, 5G ...

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