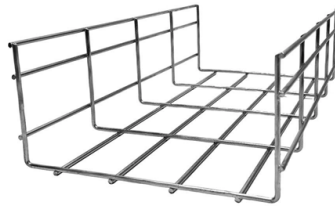


Which companies are the strongest in 16T optical modules



Overview

Leading players, including Broadcom, Coherent, Eoptolink Technology, and Accelink Technologies are actively engaged in research and development, aiming to enhance module performance, reduce costs, and expand their market share. However, challenges remain. According to the latest research, the global market for AI-dedicated optical transceiver modules has entered a high-speed growth phase, with the estimated market size expected to soar from USD 16.5 billion in 2025 to USD 26 billion in 2026, representing an annual increase exceeding 57%. 6T optical module market is experiencing robust growth, driven by the increasing demand for high-bandwidth connectivity in data centers and telecommunication networks. But this surge comes with a critical shortage of 200G externally modulated lasers (EMLs), a key component in optical transceivers. The market is expected to grow at a robust CAGR of 32.



Article Content

The Ultimate Guide to 1.6T Optical Modules for Next-Gen AI ...

To address these challenges, 1.6T optical modules deliver higher bandwidth and improved performance, enabling high-speed, low-latency connectivity for large-scale AI clusters. This ...

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Sumitomo Electric: Focuses on long-reach optical modules with robust reliability.
NeoPhotonics: Known for ultra-high-speed modules and advanced modulation techniques.

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