LIGHTCOUNTING

2021 MEGA-DATACENTER OPTICS REPORT

ARTIFICIAL INTELLIGENCE WILL DRIVE THE NEXT WAVE OF GROWTH IN CLOUD DATACENTERS

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ABSTRACT

This report analyzes the impact of Mega Datacenters on the market for Ethernet optical transceivers, DWDM optics, Active Optical Cables (AOCs), Embedded Optical Modules (EOMs) and Co-Packaged Optics (CPO). It leverages extensive historical data on shipments of these products, combined with market analyst research, to make projections for the market in 2021-2026. The report offers a comprehensive forecast for more than 50 product categories, including 10GbE, 40GbE, 100GbE, 200GbE, 2x200GbE, 400GbE and 2x400GbE transceivers, sorted by reach, form factors and segmented into three main applications: telecom, enterprise and cloud. It provides historical shipments data and projections for 2.5G, 10G, 100G, 200G, 400G DWDM ports, several types of AOCs/EOMs and co-packaged optics (CPO).

The report is based on confidential sales information provided by optical components vendors, as well as detailed analysis of publicly available data released by leading component and equipment manufacturers along with considerable input from industry experts. The following vendors shared confidential sales data with LightCounting for this report: **Accelink, Applied Optoelectronics, FOIT (Avago), Eoptolink, Finisar, Fujitsu, Hisense, Innolight, Lumentum, NEC, NeoPhotonics, Oclaro, OE Solutions, Source Photonics and Sumitomo**

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LightCounting is a market research company focused on the in-depth study of high speed interconnects for the datacom, telecom, and consumer communications markets. Our research covers the whole supply chain from optical and semiconductor components, to modules, sub-systems and their applications in telecom and datacom systems.

Our industry reputation was built by providing solid market data and objective analysis to help industry executives in making tactical and strategic business decisions and seeing past all the market hype, rumors, press reports, blogs and other distortions that so often complicate and confuse many decision making processes.

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