

# Global EML (Electro-absorption Modulated Laser) Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global EML (Electro-absorption Modulated Laser) market size is expected to reach \$ 1151.2 million by 2029, rising at a market growth of 12.0% CAGR during the forecast period (2023-2029).

The key manufacturers of Electro-absorption Modulated Laser worldwide are Lumentum, Coherent (II-VI), Broadcom, Mitsubishi Electric, Sumitomo, NTT Electronics, and Source Photonics, with the top three manufacturers accounting for over 70% of the market share, with Lumentum being the largest producer. The global production of electro-absorption modulated laser is mainly distributed in North America, Europe, and Japan, with the top three production regions accounting for over 90% of the market share. In terms of product types, products with a growth rate of above 25GBd are relatively fast and have a high market share of over 85%, followed by products with a GBd between 10 and 25. In terms of its applications, telecommunications is the largest application field, with a market share of over 70%, followed by data center.

EML (Electro-absorption Modulated Laser) is an integrated device of electro-absorption modulator (EAM) and DFB laser (LD). It is an electro-absorption modulator that uses the quantum-limited Stark effect (QCSE) and uses internal grating coupling to determine the wavelength DFB laser, an integrated high-performance optical communication light source with small size and low wavelength, is a universal ideal light source for information transmission carriers in high-speed fiber optic transmission networks.

This report studies the global EML (Electro-absorption Modulated Laser) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for EML

(Electro-absorption Modulated Laser), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of EML (Electro-absorption Modulated Laser) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global EML (Electro-absorption Modulated Laser) total production and demand, 2018-2029, (K Units)

Global EML (Electro-absorption Modulated Laser) total production value, 2018-2029, (USD Million)

Global EML (Electro-absorption Modulated Laser) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global EML (Electro-absorption Modulated Laser) consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: EML (Electro-absorption Modulated Laser) domestic production, consumption, key domestic manufacturers and share

Global EML (Electro-absorption Modulated Laser) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global EML (Electro-absorption Modulated Laser) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global EML (Electro-absorption Modulated Laser) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global EML (Electro-absorption Modulated Laser) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Lumentum, Coherent (II-VI), Broadcom, Mitsubishi Electric, Sumitomo, NTT Electronics and Source Photonics, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World EML (Electro-absorption Modulated Laser) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global EML (Electro-absorption Modulated Laser) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global EML (Electro-absorption Modulated Laser) Market, Segmentation by Type

10-25GBd

Above 25GBd

## Global EML (Electro-absorption Modulated Laser) Market, Segmentation by Application

Telecommunications

Data Center

### Companies Profiled:

Lumentum

Coherent (II-VI)

Broadcom

Mitsubishi Electric

Sumitomo

NTT Electronics

Source Photonics

### Key Questions Answered

1. How big is the global EML (Electro-absorption Modulated Laser) market?
2. What is the demand of the global EML (Electro-absorption Modulated Laser) market?
3. What is the year over year growth of the global EML (Electro-absorption Modulated Laser) market?
4. What is the production and production value of the global EML (Electro-absorption Modulated Laser) market?
5. Who are the key producers in the global EML (Electro-absorption Modulated Laser) market?

6. What are the growth factors driving the market demand?

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