

# Global Optical Communication Chip Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Optical Communication Chip market size is expected to reach \$ 7207 million by 2029, rising at a market growth of 12.3% CAGR during the forecast period (2023-2029).

Global optical communication IC key players include II-VI Incorporated, Lumentum (Oclaro), Broadcom and Sumitomo Electric. Global top three manufacturers hold a share about 47%. The global origin is mainly located in North America, Europe, China, Japan, Korea, Southeast Asia and Australia. In terms of type, DFB chip is the largest segment, with a share of over 70%, and in terms of application, the telecommunications segment holds a share of about 60%.

In optical devices, optical chips are used for the conversion of photoelectric signals. According to the type of light emission, it is divided into surface emission and side emission. Among them, surface-emitting lasers are mainly VCSEL (vertical cavity surface-emitting lasers); there are many types of edge-emitting lasers, including FP (Fabry-Pérot, Fabry-Perot laser), DFB (Distributed Feedback Laser, distributed feedback laser) Lasers) and EML (Electroabsorption Modulated Laser), traditional FP laser chips have gradually narrowed their applications in the field of optical communication due to large losses and short transmission distances. There are three main types of core laser chips: DFB and EML And VCSEL.

This report studies the global Optical Communication Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Optical Communication Chip, 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 Optical Communication Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Optical Communication Chip total production and demand, 2018-2029, (M Pcs)

Global Optical Communication Chip total production value, 2018-2029, (USD Million)

Global Optical Communication Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (M Pcs)

Global Optical Communication Chip consumption by region & country, CAGR, 2018-2029 & (M Pcs)

U.S. VS China: Optical Communication Chip domestic production, consumption, key domestic manufacturers and share

Global Optical Communication Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (M Pcs)

Global Optical Communication Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (M Pcs)

Global Optical Communication Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (M Pcs)

This reports profiles key players in the global Optical Communication Chip 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 II-VI Incorporated (Finisar), Lumentum (Oclaro), Broadcom, Sumitomo Electric, Accelink Technologies, Hisense Broadband, Mitsubishi Electric, Yuanjie Semiconductor and EMCORE Corporation, 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 Optical Communication Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Pcs) and average price (US\$/Pcs) 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 Optical Communication Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Optical Communication Chip Market, Segmentation by Type

DFB Chip

VCSEL

EML

Global Optical Communication Chip Market, Segmentation by Application

Telecommunications

Data Center

Other

#### Companies Profiled:

II-VI Incorporated (Finisar)

Lumentum (Oclaro)

Broadcom

Sumitomo Electric

Accelink Technologies

Hisense Broadband

Mitsubishi Electric

Yuanjie Semiconductor

EMCORE Corporation

#### Key Questions Answered

1. How big is the global Optical Communication Chip market?
2. What is the demand of the global Optical Communication Chip market?
3. What is the year over year growth of the global Optical Communication Chip market?
4. What is the production and production value of the global Optical Communication Chip market?

5. Who are the key producers in the global Optical Communication Chip market?
6. What are the growth factors driving the market demand?

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