

# Global Telecom Optical Transceiver Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Telecom Optical Transceiver market size is expected to reach \$ 4726.7 million by 2029, rising at a market growth of 1.0% CAGR during the forecast period (2023-2029).

Global 5 largest manufacturers of Telecom Optical Transceiver are Coherent Corp., Zhongji Innolight Co, Ltd., Cisco Systems Inc., Huawei Technologies Co., Ltd. and Lumentum Holdings Inc., which make up over 56%. Among them, Coherent Corp. is the leader with about 16% market share. China is the largest market, with a share about 64%, followed by North America and Japan, with the share about 17% and 6%. In terms of product type, Medium and Low Speed Optical Transceiver occupy the largest share of the total market, about 91%. And in terms of product Application, the largest application is Others Telecom, followed by 5G Telecom.

An optical transceiver is also called fiber optic transmitter and receiver. The role of the optical module is photoelectric conversion. The transmitter end takes in and converts the electrical signal into light, after the optical fiber transmission in the fiber cable plant; the receiver end again converts the light signal into electrical signal. Both the receiver and the transmitter ends have their own circuitry and can handle transmissions in both directions.

Fiber-optic communication is a method of transmitting information from one place to another by sending pulses of light through an optical fiber. The light forms an electromagnetic carrier wave that is modulated to carry information. First developed in the 1970s, fiber-optics has revolutionized the telecommunications industry and have played a major role in the advent of the Information Age. Because of its advantages over electrical transmission, optical fibers have largely replaced copper wire

communications in core networks in the developed world. Optical fiber is used by many telecommunications companies to transmit telephone signals, Internet communication, and cable television signals. Researchers at Bell Labs have reached internet speeds of over 100 Petabit \*kilometer per second using fiber-optic communication.

This report studies the global Telecom Optical Transceiver production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Telecom Optical Transceiver total production and demand, 2018-2029, (K Units)

Global Telecom Optical Transceiver total production value, 2018-2029, (USD Million)

Global Telecom Optical Transceiver production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Telecom Optical Transceiver consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Telecom Optical Transceiver domestic production, consumption, key domestic manufacturers and share

Global Telecom Optical Transceiver production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Telecom Optical Transceiver production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Telecom Optical Transceiver production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Telecom Optical Transceiver 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 Coherent Corp., Zhongji Innolight Co, Ltd., Cisco Systems, Inc., Huawei Technologies Co., Ltd., Lumentum Holdings Inc., Accelink Technologies Co., Ltd., Hisense, Eoptolink Technology Inc., Ltd. and HG Genuine Co., Ltd., 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 Telecom Optical Transceiver 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 Telecom Optical Transceiver Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Telecom Optical Transceiver Market, Segmentation by Type

High Speed Optical Transceiver

Medium and Low Speed Optical Transceiver

## Global Telecom Optical Transceiver Market, Segmentation by Application

5G Telecom

Others Telecom

## Companies Profiled:

Coherent Corp.

Zhongji Innolight Co, Ltd.

Cisco Systems, Inc.

Huawei Technologies Co., Ltd.

Lumentum Holdings Inc.

Accelink Technologies Co., Ltd.

Hisense

Eoptolink Technology Inc., Ltd.

HG Genuine Co., Ltd.

Broadcom Inc.

Intel Corporation

Fujitsu Limited

Infinera Corporation

Source Photonics, Inc.

Molex Incorporated

Sumitomo Electric Industries, Ltd.

OE Solution Co., Ltd.

Alcatel-Lucent

### Key Questions Answered

1. How big is the global Telecom Optical Transceiver market?
2. What is the demand of the global Telecom Optical Transceiver market?
3. What is the year over year growth of the global Telecom Optical Transceiver market?
4. What is the production and production value of the global Telecom Optical Transceiver market?
5. Who are the key producers in the global Telecom Optical Transceiver market?
6. What are the growth factors driving the market demand?

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