

Coherent Optical Equipment Market Report by Technology (100G, 200G, 400G+, 400G ZR), Equipment (Wavelength-Division Multiplexer (WDM), Modules/Chips, Test and Measurement Equipment, Optical Amplifiers, Optical Switches, and Others), Application (Networking, Data Center, Original Equipment Manufacturers (OEMs)), End User (Service Provider, Public Sector, Industries), and Region 2024-2032

<https://marketpublishers.com/r/C54AED494141EN.html>

Date: August 2024

Pages: 141

Price: US\$ 3,899.00 (Single User License)

ID: C54AED494141EN

Abstracts

The global coherent optical equipment market size reached US\$ 27.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 51.4 Billion by 2032, exhibiting a growth rate (CAGR) of 7.1% during 2024-2032. The market is experiencing steady growth driven by the increasing demand for high-speed data transmission, expansion of fifth generation (5G) networks, and the rising adoption of the Internet of Things (IoT) devices among the masses worldwide.

Coherent Optical Equipment Market Analysis:

Major Market Drivers: The market is witnessing moderate growth due to the rising employment of cloud computing, coupled with technological advancements in optical networking.

Key Market Trends: The market is showcasing rapid growth on account of the increasing adoption of IoT devices, along with the expansion of 5G networks.

Geographical Trends: North America leads the market, driven by the presence of a well-established telecommunications infrastructure. However, Asia Pacific is emerging as a fast-growing market due to rising focus on adopting advanced technologies.

Competitive Landscape: Some of the major market players in the coherent optical equipment industry include Acacia Communications Inc. (Cisco Systems Inc), Ciena Corporation, Fujitsu Limited, Huawei Technologies Co. Ltd., Infinera Corporation, NEC Corporation, Nokia Oyj, Ribbon Communications Operating Company Inc., ZTE Corporation, Zygo Corporation (AMETEK Inc), among many others.

Challenges and Opportunities: While the market faces challenges, such as the higher cost of coherent optics, it also encounters opportunities on account of the escalating demand for energy-efficient solutions.

Coherent Optical Equipment Market Trends:

Rising demand for high-speed data transmission

The increasing focus on high-speed data transmission is propelling the coherent optical equipment market growth. Coherent optics provide the performance and flexibility to transport more information on the same fiber over long distances. They solve the capacity problems faced by network providers. There is a rise in the usage of bandwidth-intensive applications, such as video streaming, cloud computing, and online gaming, among individuals worldwide. People are watching movies, series, and other videos and preferring high-speed internet services for an enhanced experience. As per Statista, the over-the-top (OTT) video revenue reached an estimated 154 billion U.S. dollars in 2022, with the US accounting for the largest share of revenue worldwide.

Expansion of 5G networks

The deployment of 5G networks requires robust infrastructure to support the increased data traffic and low latency needs, thereby catalyzing the coherent optical equipment market demand. This optical equipment provides the necessary bandwidth and reliability for 5G networks. According to 5G Americas, the global 5G wireless connections increased by 76% from the end of 2021 to the end of 2022, reaching up to 1.05 billion. Omdia and 5G Americas also projected that 5G wireless connections will

reach 5.9 billion by the end of 2027.

Increasing adoption of IoT devices

The escalating demand for IoT devices among individuals across the globe is offering a positive coherent optical equipment market outlook. Statista claims that the number of IoT devices worldwide is forecast to reach 29 billion in 2030. Coherent optical systems provide high-capacity bandwidth that can accommodate the huge data volumes generated by IoT devices. This enables seamless data transmission across the network without traffic congestion. Coherent optical networks also offer high levels of reliability and resilience to ensure uninterrupted connectivity and data integrity.

Coherent Optical Equipment Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the global, regional, and country levels for 2024-2032. Our report has categorized the market based on technology, equipment, application, and end user.

Breakup by Technology:

100G

200G

400G+

400G ZR

100G accounts for the majority of the market share

The report has provided a detailed breakup and analysis of the market based on the technology. This includes 100G, 200G, 400G+, and 400G ZR. According to the report, 100G represented the largest segment.

100G coherent technology enables the transport of 100G capacity over a single wavelength across long distances. It supports data transmission over distances up to 1000 km. It offers an increase in bandwidth capacity as compared to traditional optical communication systems. Various companies are investing in this technology, such as

Coherent Corp., a leading provider of high-performance optical networking solutions, unveiled its versatile I-temp 100G ZR QSFP28 digital coherent optics (DCO) transceiver. The coherent I-temp 100G ZR QSFP28-DCO transceiver is ideal for individuals who need transceivers that support a wider operating temperature range.

Breakup by Equipment:

Wavelength-Division Multiplexer (WDM)

Modules/Chips

Test and Measurement Equipment

Optical Amplifiers

Optical Switches

Others

Wavelength-division multiplexer (WDM) holds the largest share of the industry

A detailed breakup and analysis of the market based on the equipment have also been provided in the report. This includes wavelength-division multiplexer (WDM), modules/chips, test and measurement equipment, optical amplifiers, optical switches, and others. According to the report, wavelength-division multiplexer (WDM) accounted for the largest market share.

Wavelength-division multiplexer (WDM) is a fiber-optic transmission technique that enables multiple light wavelengths to send data over the same medium. It is divided into two categories, such as coarse wavelength-division multiplexer (CWDM) and dense wavelength-division multiplexer (DWDM). It allows communication in both directions in the fiber cable. It offers enhanced flexibility in managing and allocating bandwidth, as it allows for the addition or removal of wavelengths as needed. WDM also benefits in increasing the capacity of the optical communication system.

Breakup by Application:

Networking

Data Center

Original Equipment Manufacturers (OEMs)

Networking represents the leading market segment

The report has provided a detailed breakup and analysis of the market based on the application. This includes networking, data center, and original equipment manufacturers (OEMs). According to the report, networking represented the largest segment.

Coherent optical equipment involves the deployment of optical communication systems to establish high-speed, reliable, and scalable networking for various purposes. It is widely adopted in long-haul networks to transmit data over extended distances. These networks connect geographically distant locations, such as between cities or across regions, and require high-capacity transmission to support data-intensive applications. Coherent optical equipment is essential for supporting the backhaul and fronthaul segments of mobile networks, particularly in the deployment of 5G technology. The rising adoption of mobile networks is catalyzing the demand for coherent optical equipment. According to Statista, the number of mobile users worldwide recorded 7.1 billion in 2021 and reached 7.26 billion in 2022.

Breakup by End User:

Service Provider

Public Sector

Industries

Service provider exhibits a clear dominance in the market

A detailed breakup and analysis of the market based on the end user have also been provided in the report. This includes service provider, public sector, and industries. According to the report, service provider accounted for the largest market share.

Service provider assists in delivering telecommunications services to businesses and individuals. Telecommunication service providers, including telecommunications carriers and network operators, utilize coherent optical equipment to build and maintain their core network infrastructure and gain trust among clients. Invest India claims that the telecom industry in India has a subscriber base of 1.079 billion, including wireless and wireline subscribers, as of December 2023. The rising focus on providing enhanced services and improving user experience is bolstering the growth of the market. Coherent optical equipment is also used by cloud service providers to interconnect data centers, establish private and hybrid cloud environments, and ensure reliable connectivity for cloud-based services.

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

North America leads the market, accounting for the largest coherent optical equipment market share

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America represents the largest regional market for coherent optical equipment.

North America has a well-established telecommunications infrastructure, comprising fiber-optic networks, data centers, and network interconnection points. The growing demand for coherent optical equipment due to the rising adoption of edge computing is positively influencing the market in the region. Furthermore, various companies in the region are focusing on mergers and acquisitions (M&A) to provide enhanced optical solutions, thereby increasing coherent optical equipment market revenue. For instance,

Cisco acquired Acacia Communications, Inc. following approval of the transaction by a majority of Acacia shareholders on 1 March 2021. The Acacia acquisition reinforces Cisco's commitment to optics as a building block that will enhance Cisco's 'Internet for the Future' strategy with world class coherent optical solutions.

Competitive Landscape:

The market research report has also provided a comprehensive analysis of the competitive landscape in the market. Detailed profiles of all major companies have also been provided. Some of the major market players in the coherent optical equipment industry include Acacia Communications Inc. (Cisco Systems Inc), Ciena Corporation, Fujitsu Limited, Huawei Technologies Co. Ltd., Infinera Corporation, NEC Corporation, Nokia Oyj, Ribbon Communications Operating Company Inc., ZTE Corporation, and Zygo Corporation (AMETEK Inc).

(Please note that this is only a partial list of the key players, and the complete list is provided in the report.)

Key players in the industry are engaging in collaborations to provide enhanced products services to clients. For instance, Microchip Technology and Acacia partnered on 6 October 2021, to support transition of Data Center Interconnect (DCI) and metro Optical Transport Network (OTN) platforms from 100/200G to 400G pluggable coherent optical modules by introducing solutions like Microchip's DIGI-G5 OT N processor and META-DXI terabit secured-Ethernet PHY and Acacia's 400G pluggable coherent optics. The collaboration between Microchip and Acacia enables the use of 400G coherent pluggables in OTN and Ethernet systems while enhancing coherent optical equipment market price. As a result, these partnerships between companies benefited coherent optical equipment market 2021 positively.

Coherent Optical Equipment Market Recent Developments:

16 February 2023, Nokia introduced a sixth-generation super-coherent photonic service engine, the PSE-6s, which is capable of lowering network power consumption by 60%. The product supports a unique chip-to-chip interface that enables them to be deployed in pairs to power the industry's first 2.4Tb/s coherent transport solution.

24 October 2023, ZTE Corporation, a global leading provider of information and communication technology solutions, unveiled the latest Tbit-level deterministic all-optical access platform, the ZXA10 C600E, at the Network X exhibition held in Paris, France. This new platform is poised to drive innovation in Fiber to the X (FTTx) services while contributing to the growth of global optical fiber technology.

Key Questions Answered in This Report:

How big is the coherent optical equipment market so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global coherent optical equipment market?

What is the impact of each driver, restraint, and coherent optical equipment market opportunities?

What are the key regional markets?

Who is the largest region in coherent optical equipment market?

What is the breakup of the market based on the technology?

Which is the most attractive technology in the coherent optical equipment market?

What is the breakup of the market based on the equipment?

Which is the most attractive equipment in the coherent optical equipment market?

What is the breakup of the market based on the application?

Which is the most attractive application in the coherent optical equipment market?

What is the breakup of the market based on the end user?

Which is the most attractive end user in the coherent optical equipment market?

What is the competitive structure of the market?

Who are the key players/companies in the global coherent optical equipment market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL COHERENT OPTICAL EQUIPMENT MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TECHNOLOGY

- 6.1 100G
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 200G
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 400G+

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 400G ZR
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY EQUIPMENT

- 7.1 Wavelength-Division Multiplexer (WDM)
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Modules/Chips
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Test and Measurement Equipment
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Optical Amplifiers
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Optical Switches
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Networking
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Data Center
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Original Equipment Manufacturers (OEMs)
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY END USER

9.1 Service Provider

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Public Sector

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Industries

9.3.1 Market Trends

9.3.2 Market Forecast

10 MARKET BREAKUP BY REGION

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends

10.2.5.2 Market Forecast

10.2.6 Indonesia

10.2.6.1 Market Trends

- 10.2.6.2 Market Forecast
- 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.1.1 Market Trends
 - 10.3.1.2 Market Forecast
 - 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
 - 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
 - 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
 - 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
 - 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
 - 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico
 - 10.4.2.1 Market Trends
 - 10.4.2.2 Market Forecast
 - 10.4.3 Others
 - 10.4.3.1 Market Trends
 - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
 - 10.5.1 Market Trends
 - 10.5.2 Market Breakup by Country

10.5.3 Market Forecast

11 SWOT ANALYSIS

11.1 Overview

11.2 Strengths

11.3 Weaknesses

11.4 Opportunities

11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview

13.2 Bargaining Power of Buyers

13.3 Bargaining Power of Suppliers

13.4 Degree of Competition

13.5 Threat of New Entrants

13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 Acacia Communications Inc. (Cisco Systems Inc)

15.3.1.1 Company Overview

15.3.1.2 Product Portfolio

15.3.2 Ciena Corporation

15.3.2.1 Company Overview

15.3.2.2 Product Portfolio

15.3.2.3 Financials

15.3.3 Fujitsu Limited

15.3.3.1 Company Overview

15.3.3.2 Product Portfolio

15.3.3.3 Financials

- 15.3.3.4 SWOT Analysis
- 15.3.4 Huawei Technologies Co. Ltd.
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
- 15.3.5 Infinera Corporation
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
 - 15.3.5.3 Financials
- 15.3.6 NEC Corporation
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
 - 15.3.6.3 Financials
 - 15.3.6.4 SWOT Analysis
- 15.3.7 Nokia Oyj
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
 - 15.3.7.3 Financials
 - 15.3.7.4 SWOT Analysis
- 15.3.8 Ribbon Communications Operating Company Inc.
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
 - 15.3.8.4 SWOT Analysis
- 15.3.9 ZTE Corporation
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
- 15.3.10 Zygo Corporation (AMETEK Inc)
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Coherent Optical Equipment Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Coherent Optical Equipment Market Forecast: Breakup by Technology (in Million US\$), 2024-2032

Table 3: Global: Coherent Optical Equipment Market Forecast: Breakup by Equipment (in Million US\$), 2024-2032

Table 4: Global: Coherent Optical Equipment Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: Coherent Optical Equipment Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 6: Global: Coherent Optical Equipment Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Coherent Optical Equipment Market: Competitive Structure

Table 8: Global: Coherent Optical Equipment Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Coherent Optical Equipment Market: Major Drivers and Challenges

Figure 2: Global: Coherent Optical Equipment Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Coherent Optical Equipment Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Coherent Optical Equipment Market: Breakup by Technology (in %), 2023

Figure 5: Global: Coherent Optical Equipment Market: Breakup by Equipment (in %), 2023

Figure 6: Global: Coherent Optical Equipment Market: Breakup by Application (in %), 2023

Figure 7: Global: Coherent Optical Equipment Market: Breakup by End User (in %), 2023

Figure 8: Global: Coherent Optical Equipment Market: Breakup by Region (in %), 2023

Figure 9: Global: Coherent Optical Equipment (100G) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Coherent Optical Equipment (100G) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Coherent Optical Equipment (200G) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Coherent Optical Equipment (200G) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Coherent Optical Equipment (400G+) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Coherent Optical Equipment (400G+) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Coherent Optical Equipment (400G ZR) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Coherent Optical Equipment (400G ZR) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Coherent Optical Equipment (Wavelength-Division Multiplexer (WDM)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Coherent Optical Equipment (Wavelength-Division Multiplexer (WDM)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Coherent Optical Equipment (Modules/Chips) Market: Sales Value (in

Million US\$), 2018 & 2023

Figure 20: Global: Coherent Optical Equipment (Modules/Chips) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Coherent Optical Equipment (Test and Measurement Equipment) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Coherent Optical Equipment (Test and Measurement Equipment) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Coherent Optical Equipment (Optical Amplifiers) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Coherent Optical Equipment (Optical Amplifiers) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Coherent Optical Equipment (Optical Switches) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Coherent Optical Equipment (Optical Switches) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Coherent Optical Equipment (Other Equipments) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Coherent Optical Equipment (Other Equipments) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Coherent Optical Equipment (Networking) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Coherent Optical Equipment (Networking) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Coherent Optical Equipment (Data Center) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Coherent Optical Equipment (Data Center) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: Coherent Optical Equipment (Original Equipment Manufacturers (OEMs)) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: Coherent Optical Equipment (Original Equipment Manufacturers (OEMs)) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Global: Coherent Optical Equipment (Service Provider) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Global: Coherent Optical Equipment (Service Provider) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Global: Coherent Optical Equipment (Public Sector) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Global: Coherent Optical Equipment (Public Sector) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Global: Coherent Optical Equipment (Industries) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Global: Coherent Optical Equipment (Industries) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: North America: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: North America: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: United States: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: United States: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Canada: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Canada: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Asia-Pacific: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Asia-Pacific: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: China: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: China: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Japan: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Japan: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: India: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: India: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: South Korea: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: South Korea: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: Australia: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: Australia: Coherent Optical Equipment Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 59: Indonesia: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Indonesia: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Others: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Others: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Europe: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Europe: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Germany: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Germany: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: France: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: France: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: United Kingdom: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: United Kingdom: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Italy: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Italy: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Spain: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Spain: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Russia: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Russia: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Others: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Others: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Latin America: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 80: Latin America: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Brazil: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 82: Brazil: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 83: Mexico: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 84: Mexico: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 85: Others: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 86: Others: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 87: Middle East and Africa: Coherent Optical Equipment Market: Sales Value (in Million US\$), 2018 & 2023

Figure 88: Middle East and Africa: Coherent Optical Equipment Market: Breakup by Country (in %), 2023

Figure 89: Middle East and Africa: Coherent Optical Equipment Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 90: Global: Coherent Optical Equipment Industry: SWOT Analysis

Figure 91: Global: Coherent Optical Equipment Industry: Value Chain Analysis

Figure 92: Global: Coherent Optical Equipment Industry: Porter's Five Forces Analysis

I would like to order

Product name: Coherent Optical Equipment Market Report by Technology (100G, 200G, 400G+, 400G ZR), Equipment (Wavelength-Division Multiplexer (WDM), Modules/Chips, Test and Measurement Equipment, Optical Amplifiers, Optical Switches, and Others), Application (Networking, Data Center, Original Equipment Manufacturers (OEMs)), End User (Service Provider, Public Sector, Industries), and Region 2024-2032

Product link: <https://marketpublishers.com/r/C54AED494141EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C54AED494141EN.html>