

Global Optical Transceivers Market: Drivers, Restraints, Opportunities, Trends, and Forecasts up to 2024

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Abstracts

The global optical transceivers market has witnessed significant growth in recent years due to the rapid adoption of IT-based solutions across various applications. The need for storage, processing, and data transfer capacity of data communication & telecommunication network are rising exponentially. This creates a huge demand for switches and transceivers, particularly optical transceivers with high data transfer rate. Few of the prominent trends accelerating the growth include a continuous shift of large-scale data centers to 100GbE and higher infrastructure to cater the growing bandwidth requirements, data center architectures are shifting from traditional “3-tier tree network” to “2-tier leaf-spine network”, and large enterprises maintaining their IT infrastructure in commercial spaces are continuously migrating to third-party datacenters to reduce the operating cost.

Market Revenue and Segmentation Analysis:

The global optical transceivers market revenue is expected to reach \$10.7 billion by 2024, growing at a CAGR of 10.1% during the forecast period 2018–2024. The market is segmented based on data rates, form factors, and regions. Based on data rates, the market is further segmented into less than 10 GB/sec, 10 GB/sec, 25 GB/sec, 40 GB/sec, and 100 GB/sec & above. Based on form factors, the market is segmented into SFF & SFP, SFP+ & SFP28, QSFP+ & QSFP28, CFP, CFP2, & CFP4, and others. The 10 GB/sec segment accounted for the highest share in 2017 and is expected to lose its share to the 100 GB/sec & above segment during the forecast period due to the shift of major datacenters to higher switching speeds with an objective to cater the expanding datacenter traffic and bandwidth requirements.

Regional Analysis:

The Americas is the leading region in the global optical transceivers market, which accounted for a significant share in 2018. Asia Pacific is among the fastest growing regions, which is expected to create tremendous business opportunities during the forecast period. The report also covers country-wise analysis including the US, Canada, Mexico, Brazil, the UK, Germany, France, Russia, Netherlands, Poland, Spain, China, Japan, India, and Australia, among others.

Benefits and Vendors

The report contains an in-depth analysis of vendor profiles, which include financial health, business units, key business priorities, SWOT, strategies, and views; and competitive landscape. The report covers an in-depth analysis of various vendors in the global optical transceivers market including Finisar Corporation, Oclaro, Inc., Mellanox Technologies, Applied Optoelectronics, Inc., Lumentum Operations LLC, .Sumitomo Electric Industries, , Fujitsu Optical Components, Broadcom, Source Photonics, and APRESIA Systems, Ltd

The study offers a comprehensive analysis of the “global optical transceivers market”. Bringing out the complete key insights of the industry, the report aims to provide an insight on the latest trends, current market scenario, government initiatives, and technologies related to the market. In addition, it helps the venture capitalists to understand revenue opportunities across different segments to take better decisions.

Contents

1 REPORT SUMMARY

- 1.1 Executive Summary
- 1.2 Scope of the Report
- 1.3 Industry Trends
- 1.4 PESTLE Analysis

2 REPORT OUTLINE

- 2.1 Research Methodology
- 2.2 Report Assumptions

3 MARKET SNAPSHOT

- 3.1 Total Addressable Market
- 3.2 Segmented Addressable Market

4 MARKET OUTLOOK

- 4.1 Overview
- 4.2 Market Definition – Infoholic Research
- 4.3 Segmentation
- 4.4 Porter 5 (Five) Forces

5 MARKET CHARACTERISTICS

- 5.1 Market Trends
- 5.2 Market Dynamics
 - 5.2.1 Drivers
 - 5.2.1.1 Expanding Global IP Traffic Coupled with Continuous Investment in Datacentre Infrastructure
 - 5.2.1.2 Continuous Preference for Cloud-Based Business Solutions
 - 5.2.1.3 Changing Datacentre Network Architecture accelerating the demand for optical transceivers
 - 5.2.2 Restraints
 - 5.2.2.1 Challenges related to testing and reducing manufacturing cost
 - 5.2.3 Opportunities

5.2.3.1 Continuous focus on 5G network

5.2.3.2 Rising demand for cloud solutions in developing economies

5.3 DRO – Impact Analysis

6 GLOBAL TRANSCEIVER MARKET, BY DATA RATE: MARKET SIZE AND ANALYSIS

6.1 Overview

6.2 Less than 10Gb/sec

6.3 10 Gb/sec

6.4 25 Gb/sec

6.5 40 Gb/sec

6.6 100 Gb/sec and above

7 GLOBAL OPTICAL TRANSCEIVER MARKET BY FORM FACTOR: MARKET SIZE & ANALYSIS

7.1 Overview

7.2 SFF and SFP

7.3 SFP+ and SFP28

7.4 QSFP+ and QSFP28

7.5 CFP, CFP2, and CFP4

7.6 Others

8 GLOBAL OPTICAL TRANSCEIVER MARKET BY REGIONS

8.1 Overview

8.2 Americas

8.2.1 Overview - Market Size and Analysis

8.2.2 Americas Optical Transceiver Market by data rate - Market Size and Analysis

8.2.3 Americas Optical Transceiver Market by Country - Market Size and Analysis

8.2.4 United States

8.2.5 Canada

8.2.6 Mexico

8.2.7 Brazil

8.2.8 Rest of Americas

8.3 Europe

8.3.1 Market Size and Analysis

8.3.2 Europe Optical Transceiver Market by data rate - Market Size and Analysis

8.3.3 Europe Optical Transceiver Market by Country - Market Size and Analysis

8.3.4 UK

8.3.5 Germany

8.3.6 France

8.3.7 Russia

8.3.8 Netherlands

8.3.9 Poland

8.3.10 Spain

8.3.11 Rest of Europe

8.4 Asia Pacific

8.4.1 Market Size and Analysis

8.4.2 Asia Pacific Optical Transceiver Market by data rate - Market Size and Analysis

8.4.3 Asia Pacific Optical Transceiver Market by Country - Market Size and Analysis

8.4.4 China

8.4.5 Japan

8.4.6 India

8.4.7 Australia

8.4.8 Rest of Asia Pacific

8.5 Middle East & Africa

8.5.1 Overview - Market Size and Analysis

8.5.2 Middle East & Africa Optical Transceiver Market by data rate - Market Size and Analysis

9 GLOBAL GENERALIST

9.1.1 Finisar Corporation

9.1.2 Overview

9.1.3 Key Financials

9.1.4 Geographic Revenue

9.1.5 Business Focus

9.1.6 SWOT Analysis

9.1.7 Business Strategy

9.2 Oclaro, Inc.

9.2.1 Overview

9.2.2 Key Financials

9.2.3 Product Offerings

9.2.4 Business Focus

9.2.5 SWOT Analysis

9.2.6 Business Strategy

9.3 Applied Optoelectronics, Inc.

- 9.3.1 Business Units
- 9.3.2 Geographic Revenue
- 9.3.3 Product Offerings
- 9.3.4 Business Focus
- 9.3.5 SWOT Analysis
- 9.3.6 Business Strategy

9.4 Mellanox Technologies

- 9.4.1 Overview
- 9.4.2 Business Units
- 9.4.3 Geographic Revenue
- 9.4.4 Product Offerings
- 9.4.5 Business Focus
- 9.4.6 SWOT Analysis
- 9.4.7 Business Strategy

9.5 Lumentum Holdings Inc.

- 9.5.1 Overview
- 9.5.2 Business Units
- 9.5.3 Business Focus
- 9.5.4 SWOT Analysis
- 9.5.5 Business Strategy

10 COMPANIES TO WATCH FOR

10.1 Fujitsu Optical Components Limited

- 10.1.1 Overview
- 10.1.2 Offerings

10.2 Sumitomo Electric Industries Ltd

- 10.2.1 Overview
- 10.2.2 Offerings

10.3 Broadcom

- 10.3.1 Overview
- 10.3.2 Offerings

10.4 Source Photonics

- 10.4.1 Overview
- 10.4.2 Offerings

10.5 APRESIA Systems, Ltd.

- 10.5.1 Overview
- 10.5.2 Offerings

Annexure

Abbreviations

Tables

Table 1 GLOBAL OPTICAL TRANSCEIVER MARKET BY REGION, 2018-2024 (\$MILLION)

Table 2 GLOBAL OPTICAL TRANSCEIVER MARKET REVENUE (\$ MILLION), BY DATA RATE, 2018-2024

Table 3 GLOBAL OPTICAL TRANSCEIVERS MARKET REVENUE BY FORM FACTOR, 2018-2024 (\$MILLION)

Table 4 GLOBAL OPTICAL TRANSCEIVER MARKET BY REGION, 2018-2024 (\$MILLION)

Table 5 AMERICAS OPTICAL TRANSCEIVER MARKET BY DATARATE, 2018-2024 (\$MILLION)

Table 6 AMERICAS OPTICAL TRANSCEIVER MARKET BY COUNTRY, 2018-2024 (\$MILLION)

Table 7 EUROPE OPTICAL TRANSCEIVER MARKET BY DATARATE, 2018-2024 (\$MILLION)

Table 8 EUROPE OPTICAL TRANSCEIVER MARKET BY COUNTRY, 2018-2024 (\$MILLION)

Table 9 ASIA PACIFIC OPTICAL TRANSCEIVER MARKET BY DATA RATE, 2018-2024 (\$MILLION)

Table 10 ASIA PACIFIC OPTICAL TRANSCEIVER MARKET BY COUNTRY, 2018-2024 (\$MILLION)

Table 11 MIDDLE EAST AND AFRICA MARKET REVENUE BY DATA RATE, 2018-2024 (\$MILLION)

Charts

Chart 1 PESTLE ANALYSIS OF GLOBAL ENTERPRISE PERFORMANCE MANAGEMENT MARKET

Chart 2 RESEARCH METHODOLOGY OF THE ENTERPRISE PERFORMANCE MANAGEMENT MARKET

Chart 3 GLPBAL OPTICAL TRANSCEIVER MARKET REVENUE, 2017–2023 (\$MILLION)

Chart 4 SEGMENTATION OF GLOBAL OPTICAL TRANSCEIVER MARKET

Chart 5 PORTERS 5 FORCES ON OPTICAL TRANSCEIVER MARKET

Chart 6 MARKET DYNAMICS – DRIVERS, RESTRAINTS, AND OPPORTUNITIES

Chart 7 DRO – IMPACT ANALYSIS OF ENTERPRISE PERFORMANCE MANAGEMENT MARKET

Chart 8 OPTICAL TRANSCEIVER MARKET REVENUE BY DARA RATE, 2018-2024 (\$MILLION)

Chart 9 LESS THAN 10GB/SEC SEGMENT REVENUE, 2018-2024 (\$MILLION)

Chart 10 10 GB/SEC SEGMENT REVENUE, 2018-2024 (\$MILLION)

Chart 11 25GB/SEC REVENUE, 2018-2024 (\$MILLION)

Chart 12 40 GB/SEC SEGMENT REVENUE, 2018-2024 (\$MILLION)

Chart 13 100 GB/SEC AND ABOVE SEGMENT REVENUE, 2018-2024 (\$MILLION)

Chart 14 GLOBAL OPTICAL TRANSCEIVER MARKRT BY FORM FACTOR, 2018-2024 (\$MILLION)

Chart 15 SFF AND SFP SEGMENT REVENUE, 2018-2024 (\$MILLION)

Chart 16 SFP+ AND SFP28 REVENUE, 2018-2024 (\$MILLION)

Chart 17 QSFP+ AND QSFP28 SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)

Chart 18 CFP, CFP2 AND CFP4 SEGMENT MARKET REVENUE, 2018-2024 (\$MILLION)

Chart 19 OTHERS SEGMENT REVENUE, 2018-2024 (\$MILLION)

Chart 20 GLOBAL OPTICAL TRANSCEIVER MARKET REVENUE, BY REGION 2018-2024 (\$MILLION)

Chart 21 AMERICAS OPTICAL TRANSCEIVER MARKET REVENUE, 2018-2024 (\$MILLION)

Chart 22 AMERICAS OPTICAL TRANSCEIVER MARKET REVENUE BY DATA RATE, 2018-2024 (\$MILLION)

Chart 23 EUROPE OPTICAL TRANSCEIVER MARKET REVENUE, 2018-2024 (\$MILLION)

Chart 24 EUROPE OPTICAL TRANSCEIVER MARKET REVENUE BY DATA RATE, 2018-2024 (\$MILLION)

Chart 25 ASIA PACIFIC OPTICAL TRANSCEIVER MARKET REVENUE, 2018-2024 (\$MILLION)

Chart 26 EUROPE OPTICAL TRANSCEIVER MARKET REVENUE BY DATA RATE, 2018-2024 (\$MILLION)

Chart 27 MIDDLE EAST OPTICAL TRANSCEIVER MARKET REVENUE, BY DATA RATE, 2018-2024 (\$MILLION)

Chart 28 FINISAR CORPORATION COMPANY PROFILE: MARKET OUTLOOK

Chart 29 FINISAR CORPORATION: KEY FINANCIALS

Chart 30 FINISAR CORPORATION: GEOGRAPHIC REVENUE

Chart 31 FINISAR CORPORATION: SWOT ANALYSIS

Chart 32 OCLARO, INC. COMPANY PROFILE: MARKET OUTLOOK

Chart 33 OCLARO, INC.: KEY FINANCIALS

Chart 34 GEOGRAPHICAL REVENUE

Chart 35 SWOT ANALYSIS

Chart 36 9.3 APPLIED OPTOELECTRONICS, INC.: MARKET OUTLOOK

Chart 37 APPLIED OPTOELECTRONICS, INC.: BUSINESS UNITS

Chart 38 APPLIED OPTOELECTRONICS, INC.: GEOGRAPHIC REVENUE

Chart 39 APPLIED OPTOELECTRONICS, INC.: SWOT ANALYSIS

Chart 40 MELLANOX TECHNOLOGIES: MARKET OUTLOOK

Chart 41 MELLANOX TECHNOLOGIES: BUSINESS UNITS

Chart 42 MELLANOX TECHNOLOGIES: GEOGRAPHIC REVENUE

Chart 43 MELLANOX TECHNOLOGIES: SWOT ANALYSIS

Chart 44 LUMENTUM HOLDINGS INC.: COMPANY PROFILE

Chart 45 LUMENTUM OPERATIONS LLC: SWOT ANALYSIS

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