

Global Fiber Optic Components Market Size study, By Type (Cables, Active Optical Cables, Amplifiers, Splitters, Connectors, Circulators, Transceivers, Others), By Data Rate (Less than 10Gbps, 10 Gbps to 40Gbps, 41 Gbps to 100Gbps, More than 100 Gbps), By Application (Distributed Sensing, Analytical and Medical Equipment, Lighting, Communications), and Regional Forecasts 2022-2028

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Abstracts

Global Fiber Optic Components Market is valued approximately USD 20.65 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 8.9% over the forecast period 2022-2028.

Fiber optics component is a type of technology that is used to transfer information. These components include a variety of glass strings that are made up of glass cladding and glass core that offer a cost-effective option to the users. The growing internet penetration and data traffic, increasing deployment of data centers, coupled with the rising demand for bandwidth are the primary factors that are surging the market demand across the globe. For instance, as per Statista, there were approximately 4119 million internet users in 2019 worldwide, and the amount rises and reached around 4901 million users by 2021. Accordingly, the rising number of internet users is bolstering the demand for fiber optic components, thus, in turn, accelerating the market growth in the near future. However, the threat to optical network security and high cost of installation, and the difficulty in installing in various terrains impede the growth of the market over the forecast period of 2022-2028. Also, increasing adoption of fiber optic components in the digital signage market and expansion of telecom infrastructure in developing economies are anticipated to act as a catalyzing factor for the market demand during the forecast

period.

The key regions considered for the global Fiber Optic Components market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the region being the early adopter of novel technologies, and the growing presence of well-established market players such as II-VI Incorporated, Lumentum Holdings Inc., Broadcom Inc., and many others in the region. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the increasing penetration of the internet, the rising deployment of data centers, as well as surging demand for wearable, would create lucrative growth prospects for the Fiber Optic Components market across the Asia-Pacific region.

Major market players included in this report are:

II-VI Incorporated

Lumentum Holdings Inc.

Broadcom Inc.

Sumitomo Electric Industries Ltd.

Accelink Technologies Co. Ltd.

Oclaro Inc.

Acacia Communications, Inc.

EMCORE Corporation

Fujitsu Optical Components Limited

Furukawa Electric Co. Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Cables

Active Optical Cables

Amplifiers

Splitters

Connectors
Circulators
Transceivers
Others
By Data Rate
Less than 10Gbps
10 Gbps to 40Gbps
41 Gbps to 100Gbps
More than 100 Gbps
By Application
Distributed Sensing
Analytical and Medical Equipment
Lighting
Communications
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Global Fiber Optic Components Market Size study, By Type (Cables, Active Optical Cables, Amplifiers, Splitters...

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Fiber Optic Components Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Global Fiber Optic Components Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Global Fiber Optic Components Market, by Type, 2020-2028 (USD Billion)
 - 1.2.3. Global Fiber Optic Components Market, by Data Rate, 2020-2028 (USD Billion)
 - 1.2.4. Global Fiber Optic Components Market, by Application, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL FIBER OPTIC COMPONENTS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL FIBER OPTIC COMPONENTS MARKET DYNAMICS

- 3.1. Fiber Optic Components Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing deployment of data centers
 - 3.1.1.2. Growing internet penetration and data traffic
 - 3.1.2. Market Challenges
 - 3.1.2.1. Threat to optical network security
 - 3.1.2.2. High cost of installation and difficulty in installing in different terrains
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising adoption of fiber optic components in digital signage market
 - 3.1.3.2. Expansion of telecom infrastructure in developing economies

CHAPTER 4. GLOBAL FIBER OPTIC COMPONENTS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL FIBER OPTIC COMPONENTS MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Fiber Optic Components Market by Type, Performance - Potential Analysis
- 6.3. Global Fiber Optic Components Market Estimates & Forecasts by Type 2018-2028 (USD Billion)
- 6.4. Fiber Optic Components Market, Sub Segment Analysis
 - 6.4.1. Cables
 - 6.4.2. Active Optical Cables
 - 6.4.3. Amplifiers
 - 6.4.4. Splitters
 - 6.4.5. Connectors
 - 6.4.6. Circulators
 - 6.4.7. Transceivers
 - 6.4.8. Others

CHAPTER 7. GLOBAL FIBER OPTIC COMPONENTS MARKET, BY DATA RATE

- 7.1. Market Snapshot
- 7.2. Global Fiber Optic Components Market by Data Rate, Performance - Potential Analysis
- 7.3. Global Fiber Optic Components Market Estimates & Forecasts by Data Rate 2018-2028 (USD Billion)
- 7.4. Fiber Optic Components Market, Sub Segment Analysis
 - 7.4.1. Less than 10Gbps
 - 7.4.2. 10 Gbps to 40Gbps
 - 7.4.3. 41 Gbps to 100Gbps
 - 7.4.4. More than 100 Gbps

CHAPTER 8. GLOBAL FIBER OPTIC COMPONENTS MARKET, BY APPLICATION

- 8.1. Market Snapshot
- 8.2. Global Fiber Optic Components Market by Application, Performance - Potential Analysis
- 8.3. Global Fiber Optic Components Market Estimates & Forecasts by Application 2018-2028 (USD Billion)
- 8.4. Fiber Optic Components Market, Sub Segment Analysis
 - 8.4.1. Distributed Sensing
 - 8.4.2. Analytical and Medical Equipment
 - 8.4.3. Lighting
 - 8.4.4. Communications

CHAPTER 9. GLOBAL FIBER OPTIC COMPONENTS MARKET, REGIONAL ANALYSIS

- 9.1. Fiber Optic Components Market, Regional Market Snapshot
- 9.2. North America Fiber Optic Components Market
 - 9.2.1. U.S. Fiber Optic Components Market
 - 9.2.1.1. Type estimates & forecasts, 2018-2028
 - 9.2.1.2. Data Rate estimates & forecasts, 2018-2028
 - 9.2.1.3. Application estimates & forecasts, 2018-2028
 - 9.2.2. Canada Fiber Optic Components Market
- 9.3. Europe Fiber Optic Components Market Snapshot
 - 9.3.1. U.K. Fiber Optic Components Market
 - 9.3.2. Germany Fiber Optic Components Market

- 9.3.3. France Fiber Optic Components Market
- 9.3.4. Spain Fiber Optic Components Market
- 9.3.5. Italy Fiber Optic Components Market
- 9.3.6. Rest of Europe Fiber Optic Components Market
- 9.4. Asia-Pacific Fiber Optic Components Market Snapshot
 - 9.4.1. China Fiber Optic Components Market
 - 9.4.2. India Fiber Optic Components Market
 - 9.4.3. Japan Fiber Optic Components Market
 - 9.4.4. Australia Fiber Optic Components Market
 - 9.4.5. South Korea Fiber Optic Components Market
 - 9.4.6. Rest of Asia Pacific Fiber Optic Components Market
- 9.5. Latin America Fiber Optic Components Market Snapshot
 - 9.5.1. Brazil Fiber Optic Components Market
 - 9.5.2. Mexico Fiber Optic Components Market
- 9.6. Rest of The World Fiber Optic Components Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. II-VI Incorporated
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Lumentum Holdings Inc.
 - 10.2.3. Broadcom Inc.
 - 10.2.4. Sumitomo Electric Industries Ltd.
 - 10.2.5. Accelink Technologies Co. Ltd.
 - 10.2.6. Oclaro Inc.
 - 10.2.7. Acacia Communications, Inc.
 - 10.2.8. EMCORE Corporation
 - 10.2.9. Fujitsu Optical Components Limited
 - 10.2.10. Furukawa Electric Co. Ltd.

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process

- 11.1.1. Data Mining
- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Fiber Optic Components Market, report scope

TABLE 2. Global Fiber Optic Components Market estimates & forecasts by Region
2018-2028 (USD Billion)

TABLE 3. Global Fiber Optic Components Market estimates & forecasts by Type
2018-2028 (USD Billion)

TABLE 4. Global Fiber Optic Components Market estimates & forecasts by Data Rate
2018-2028 (USD Billion)

TABLE 5. Global Fiber Optic Components Market estimates & forecasts by Application
2018-2028 (USD Billion)

TABLE 6. Global Fiber Optic Components Market by segment, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 7. Global Fiber Optic Components Market by region, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 8. Global Fiber Optic Components Market by segment, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 9. Global Fiber Optic Components Market by region, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 10. Global Fiber Optic Components Market by segment, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 11. Global Fiber Optic Components Market by region, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 12. Global Fiber Optic Components Market by segment, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 13. Global Fiber Optic Components Market by region, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 14. Global Fiber Optic Components Market by segment, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 15. Global Fiber Optic Components Market by region, estimates & forecasts,
2018-2028 (USD Billion)

TABLE 16. U.S. Fiber Optic Components Market estimates & forecasts, 2018-2028
(USD Billion)

TABLE 17. U.S. Fiber Optic Components Market estimates & forecasts by segment
2018-2028 (USD Billion)

TABLE 18. U.S. Fiber Optic Components Market estimates & forecasts by segment
2018-2028 (USD Billion)

TABLE 19. Canada Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 20. Canada Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 21. Canada Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 22. UK Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 23. UK Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 24. UK Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 25. Germany Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 26. Germany Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 27. Germany Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 28. RoE Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 29. RoE Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 30. RoE Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 31. China Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 32. China Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 33. China Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 34. India Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 35. India Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 36. India Fiber Optic Components Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 37. Japan Fiber Optic Components Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 38. Japan Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 39. Japan Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 40. RoAPAC Fiber Optic Components Market estimates & forecasts, 2018-2028

(USD Billion)

TABLE 41. RoAPAC Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 42. RoAPAC Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 43. Brazil Fiber Optic Components Market estimates & forecasts, 2018-2028

(USD Billion)

TABLE 44. Brazil Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 45. Brazil Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 46. Mexico Fiber Optic Components Market estimates & forecasts, 2018-2028

(USD Billion)

TABLE 47. Mexico Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 48. Mexico Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 49. RoLA Fiber Optic Components Market estimates & forecasts, 2018-2028

(USD Billion)

TABLE 50. RoLA Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 51. RoLA Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 52. Row Fiber Optic Components Market estimates & forecasts, 2018-2028

(USD Billion)

TABLE 53. Row Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 54. Row Fiber Optic Components Market estimates & forecasts by segment

2018-2028 (USD Billion)

TABLE 55. List of secondary sources, used in the study of global Fiber Optic Components Market

TABLE 56. List of primary sources, used in the study of global Fiber Optic Components Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Fiber Optic Components Market, research methodology
- FIG 2. Global Fiber Optic Components Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Fiber Optic Components Market, key trends 2021
- FIG 5. Global Fiber Optic Components Market, growth prospects 2022-2028
- FIG 6. Global Fiber Optic Components Market, porters 5 force model
- FIG 7. Global Fiber Optic Components Market, pest analysis
- FIG 8. Global Fiber Optic Components Market, value chain analysis
- FIG 9. Global Fiber Optic Components Market by segment, 2018 & 2028 (USD Billion)
- FIG 10. Global Fiber Optic Components Market by segment, 2018 & 2028 (USD Billion)
- FIG 11. Global Fiber Optic Components Market by segment, 2018 & 2028 (USD Billion)
- FIG 12. Global Fiber Optic Components Market by segment, 2018 & 2028 (USD Billion)
- FIG 13. Global Fiber Optic Components Market by segment, 2018 & 2028 (USD Billion)
- FIG 14. Global Fiber Optic Components Market, regional snapshot 2018 & 2028
- FIG 15. North America Fiber Optic Components Market 2018 & 2028 (USD Billion)
- FIG 16. Europe Fiber Optic Components Market 2018 & 2028 (USD Billion)
- FIG 17. Asia pacific market 2018 & 2028 (USD Billion)
- FIG 18. Latin America Fiber Optic Components Market 2018 & 2028 (USD Billion)
- FIG 19. Global Fiber Optic Components Market, company market share analysis (2021)

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