Global Fiber Optic Market, By Components (Connectors, Couplers, Transmitters & Receivers, Amplifiers), Optical Fiber Type (Single Mode, Multiple Mode), Application (Fiber Optic Lighting, Security, Sensors), End Users (Telecom & Broadband, Military, Aerospace, Utilities) - Forecast Till 2023

Market Scenario:
Companies such as Optical Cable Corporation (U.S.), Sterlite Technologies (India), Fujikura Limited (Japan), Finolex Cable Limited (India), Infinera Corporation (U.S.), and Corning INC. (U.S.), are the leading providers of fiber optics in the global market. In August 2016, Infinera Corporation paired with Lumentum Holdings Inc. for Intelligent Transport Network DWDM platforms incorporated with white box optical line system. With this pairing, the companies are operating in an open optical networking environment. These companies have build a simulated point-to-point metro fiber network with the aim of bringing the open networking concepts in the market.

The growing opportunities in the healthcare sector such as endoscopic imaging applications, and biomedical sensing applications are boosting the market growth of fiber optics. The development of network infrastructure has propelled the fiber optics market growth to a large extent. The global market is majorly driven by the high bandwidth communication for long distance via optical fiber which is gaining demand in the fiber optic market. The fiber optics offers high bandwidth allowing more data to be delivered at the earliest.

The global fiber optic market is segmented into components, optical fiber type applications, end-users and region. The components is segmented into connectors, couplers, transmitters & receivers, amplifiers and others. The optical fiber type are further segmented into single mode, multiple mode and plastic mode. The applications are segmented into fiber optic lighting, CATV, security, sensors, and others. The end users are segmented into telecom & broadband, military, aerospace, utilities and others. The market is spanned across regions including North America, Europe, Asia Pacific, and rest of the world.

The regional analysis of fiber optic market is being studied for region such as Asia pacific (China, Japan, India), North America (U.S, Mexico, Canada), Europe (U.K, Germany) and Rest of the World. North America is one of the leading regions across the world in terms of market share. The fiber optic market in this region has a huge demand due to optic fibers use glass which is widely used for transmitting light over long distances, which is propelling the growth of fiber optics market. The fiber optic market in Europe region is expected to witness rapid growth in the forthcoming period. Whereas, Asia Pacific countries such as China, Japan, and India is an emerging market for fiber optic market is expected to be the highest CAGR in the coming years.

The global fiber optic market is expected to grow at USD ~6 billion by 2023, at a CAGR of ~10% during the forecast period 2017-2023.

Global Fiber Optic Market, 2017-2023 (USD Billion)
Key Players:

Some of the prominent players in the global fiber optic market: Optical Cable Corporation (U.S.), Sterlite Technologies (India), Fujikura Limited (Japan), Finolex Cable Limited (India), Ofs Fitel, Llc (U.S.), Prysmian Spa (Italy), Infinera Corporation (U.S.), Corning INC. (U.S.), Biria Furukawa Fibre Optics (India), AFC Group (Australia), Molex Incorporated (U.S.), Anixter International (U.S.), Luna (U.S.), Avantes (U.S), Pepperl-Fuchs (Germany), Geokon, Incorporated (U.S.), L-com.com (U.S.), TE Connectivity (Switzerland), Extron Electronics (U.S.) and among others.

Intended Audience

- Fiber optic companies
- Fiber optic providers
- Technical universities
- System integrators
- Managed Security Service Providers
- Professional service providers
- Research and development companies
- Market research and consulting firms
- Solution providers
- Technology standards organizations
- Technology investors
- System Integrators

Contents:

TABLE OF CONTENTS
1 Executive Summary
2 Scope of the Report
   2.1 Market Definition
   2.2 Scope of the Study
      2.2.1 Research Objectives
      2.2.2 Assumptions & Limitations
   2.3 Markets Structure
3 Market Research Methodology
   3.1 Research Process
   3.2 Secondary Research
   3.3 Primary Research
   3.4 Forecast Model
4 Market Landscape
   4.1 Porter’s Five Forces Analysis
      4.1.1 Threat of New Entrants
      4.1.2 Bargaining power of buyers
4.1.3 Threat of substitutes
4.1.4 Segment rivalry
4.2 Value Chain/Supply Chain of Global Fiber Optics Market

5 Industry Overview of Global Fiber Optics Market
5.1 Introduction
5.2 Growth Drivers
5.3 Impact analysis
5.4 Market Challenges

6 Market Trends
6.1 Introduction
6.2 Growth Trends
6.3 Impact analysis

7. Global Fiber Optics Market by Components
7.1 Introduction
7.2 Connectors
7.2.1 Market Estimates & Forecast, 2017-2023
7.2.2 Market Estimates & Forecast By Region, 2017-2023
7.3 Couplers
7.3.1 Market Estimates & Forecast, 2017-2023
7.3.2 Market Estimates & Forecast By Region, 2017-2023
7.4 Transmitters & Receivers
7.4.1 Market Estimates & Forecast, 2017-2023
7.4.2 Market Estimates & Forecast By Region, 2017-2023
7.5 Applicant Tracking System
7.5.1 Market Estimates & Forecast, 2017-2023
7.5.2 Market Estimates & Forecast By Region, 2017-2023
7.6 Amplifiers
7.6.1 Market Estimates & Forecast, 2017-2023
7.6.2 Market Estimates & Forecast By Region, 2017-2023
7.7 Others
7.7.1 Market Estimates & Forecast, 2017-2023
7.7.2 Market Estimates & Forecast by Region, 2017-2023

8. Global Fiber Optics Market by Optical fiber type
8.1 Introduction
8.2 Single Mode
8.2.1 Market Estimates & Forecast, 2017-2023
8.2.2 Market Estimates & Forecast By Region, 2017-2023
8.3 Multiple Mode
8.3.1 Market Estimates & Forecast, 2017-2023
8.3.2 Market Estimates & Forecast by Region, 2017-2023
8.4 Plastic Mode
8.4.1 Market Estimates & Forecast, 2017-2023
8.4.2 Market Estimates & Forecast By Region, 2017-2023

9. Global Fiber Optics Market by Applications
9.1 Introduction
9.2 Fiber Optic Lighting
9.2.1 Market Estimates & Forecast, 2017-2023
9.2.2 Market Estimates & Forecast By Region, 2017-2023
9.3 CATV
  9.3.1 Market Estimates & Forecast, 2017-2023
  9.3.2 Market Estimates & Forecast By Region, 2017-2023
9.4 Security
  9.4.1 Market Estimates & Forecast, 2017-2023
  9.4.2 Market Estimates & Forecast By Region, 2017-2023
9.5 Sensors
  9.5.1 Market Estimates & Forecast, 2017-2023
  9.5.2 Market Estimates & Forecast By Region, 2017-2023
9.6 Others
  9.6.1 Market Estimates & Forecast, 2017-2023
  9.6.2 Market Estimates & Forecast by Region, 2017-2023

10. Global Fiber Optics Market by End Users
  10.1 Introduction
  10.2 Telecom & Broadband
    10.2.1 Market Estimates & Forecast, 2017-2023
    10.2.2 Market Estimates & Forecast By Region, 2017-2023
  10.3 Military
    10.3.1 Market Estimates & Forecast, 2017-2023
    10.3.2 Market Estimates & Forecast By Region, 2017-2023
  10.4 Aerospace
    10.4.1 Market Estimates & Forecast, 2017-2023
    10.4.2 Market Estimates & Forecast By Region, 2017-2023
  10.5 Utilities
    10.5.1 Market Estimates & Forecast, 2017-2023
    10.5.2 Market Estimates & Forecast by Region, 2017-2023
  10.6 Others
    10.6.1 Market Estimates & Forecast, 2017-2023
    10.6.2 Market Estimates & Forecast by Region, 2017-2023

11. Global Fiber Optics Market by Region
  11.1 Introduction
  11.2 North America
    11.2.1 Market Estimates & Forecast, 2017-2023
    11.2.2 Market Estimates & Forecast by Components, 2017-2023
    11.2.3 Market Estimates & Forecast by Optical fiber type, 2017-2023
    11.2.4 Market Estimates & Forecast by End Users, 2017-2023
    11.2.5 U.S.A
      11.2.5.1 Market Estimates & Forecast, 2017-2023
      11.2.5.2 Market Estimates & Forecast by Components, 2017-2023
      11.2.5.3 Market Estimates & Forecast by Optical fiber type, 2017-2023
      11.2.5.4 Market Estimates & Forecast by End Users, 2017-2023
    11.2.6 Mexico
      11.2.6.1 Market Estimates & Forecast, 2017-2023
      11.2.6.2 Market Estimates & Forecast by Components, 2017-2023
      11.2.6.3 Market Estimates & Forecast by Optical fiber type, 2017-2023
      11.2.6.4 Market Estimates & Forecast by End Users, 2017-2023
12.9.1 Company Overview
12.9.2 Product/Business Segment Overview
12.9.3 Financial Updates
12.9.4 Key Developments
12.15 Pepperl+Fuchs (Germany)
12.9.1 Company Overview
12.9.2 Product/Business Segment Overview
12.9.3 Financial Updates
12.9.4 Key Developments
12.16 Geokon, Incorporated (U.S)
12.16.1 Company Overview
12.16.2 Product/Business Segment Overview
12.16.3 Financial Updates
12.16.4 Key Developments
12.17 L-com.com (U.S)
12.17.1 Company Overview
12.17.2 Product/Business Segment Overview
12.17.3 Financial Updates
12.17.4 Key Developments
12.18 TE Connectivity (Switzerland)
12.18.1 Company Overview
12.18.2 Product/Business Segment Overview
12.18.3 Financial Updates
12.18.4 Key Developments
12.19 Extron Electronics (U.S)
12.19.1 Company Overview
12.19.2 Product/Business Segment Overview
12.19.3 Financial Updates
12.19.4 Key Developments
12.20 Others
12.20.1 Company Overview
12.20.2 Product/Business Segment Overview
12.20.3 Financial Updates
12.20.4 Key Developments

13 Conclusion

LIST OF TABLES
Table 1 Global Fiber Optics Market: By Region, 2017-2023
Table 2 North America Fiber Optics Market: By Country, 2017-2023
Table 3 Europe Fiber Optics Market: By Country, 2017-2023
Table 4 Asia-Pacific Fiber Optics Market: By Country, 2017-2023
Table 5 Middle East & Africa Fiber Optics Market: By Country, 2017-2023
Table 6 Latin America Fiber Optics Market: By Country, 2017-2023
Table 7 Global Fiber Optics by Components Market: By Regions, 2017-2023
Table 8 North America Fiber Optics by Components Market: By Country, 2017-2023
Table 9 Europe Fiber Optics by Components Market: By Country, 2017-2023
Table 10 Asia-Pacific Fiber Optics by Components Market: By Country, 2017-2023
Table 11 Middle East & Africa Fiber Optics by Components Market: By Country, 2017-2023
Table 12 Latin America Fiber Optics by Components Market: By Country, 2017-2023
Table 13 Global Fiber Optics by End Users Market: By Regions, 2017-2023
Table 14 North America Fiber Optics by End Users Market: By Country, 2017-2023
Table 15 Europe Fiber Optics by End Users Market: By Country, 2017-2023
Table 16 Asia-Pacific Fiber Optics by End Users Market: By Country, 2017-2023
Table 17 Middle East & Africa Fiber Optics by End Users Market: By Country, 2017-2023
Table 18 Latin America Fiber Optics by End Users Market: By Country, 2017-2023
Table 19 North America Fiber Optics for Optical fiber type Market: By Country, 2017-2023
Table 20 Europe Fiber Optics for Optical fiber type Market: By Country, 2017-2023
Table 21 Asia-Pacific Fiber Optics for Optical fiber type Market: By Country, 2017-2023
Table 22 Middle East & Africa Fiber Optics for Optical fiber type Market: By Country, 2017-2023
Table 23 Latin America Fiber Optics for Optical fiber type Market: By Country, 2017-2023
Table 24 Global Components Market: By Region, 2017-2023
Table 25 Global Optical fiber type Market: By Region, 2017-2023
Table 26 Global Optical fiber type Market: By Region, 2017-2023
Table 27 North America Fiber Optics Market, By Country
Table 28 North America Fiber Optics Market, By Components
Table 29 North America Fiber Optics Market, By Optical fiber type
Table 30 North America Fiber Optics Market, By End Users
Table 31 Europe: Fiber Optics Market, By Country
Table 32 Europe: Fiber Optics Market, By Components
Table 33 Europe: Fiber Optics Market, By Optical fiber type
Table 34 Europe: Fiber Optics Market, By End Users
Table 35 Asia-Pacific: Fiber Optics Market, By Country
Table 36 Asia-Pacific: Fiber Optics Market, By Components
Table 37 Asia-Pacific: Fiber Optics Market, By Optical fiber type
Table 38 Asia-Pacific: Fiber Optics Market, By End Users
Table 39 Middle East & Africa: Fiber Optics Market, By Country
Table 40 Middle East & Africa Fiber Optics Market, By Components
Table 41 Middle East & Africa: Fiber Optics Market, By Optical fiber type
Table 42 Middle East & Africa: Fiber Optics Market, By End Users
Table 43 Latin America: Fiber Optics Market, By Country
Table 44 Latin America Fiber Optics Market, By Components
Table 45 Latin America: Fiber Optics Market, By Optical fiber type
Table 46 Latin America: Fiber Optics Market, By End Users

LIST OF FIGURES
FIGURE 1 Global Fiber Optics market segmentation
FIGURE 2 Forecast Methodology
FIGURE 3 Five Forces Analysis of Global Fiber Optics Market
FIGURE 4 Value Chain of Global Fiber Optics Market
FIGURE 5 Share of Global Fiber Optics Market in 2017, by country (in %)
FIGURE 6 Global Fiber Optics Market, 2017-2023,
FIGURE 7 Sub segments of Components
FIGURE 8 Global Fiber Optics Market size by Components, 2017
FIGURE 9 Share of Global Fiber Optics Market by Components, 2017 TO 2023
FIGURE 10 Global Fiber Optics Market size by Optical fiber type, 2017
FIGURE 11 Share of Global Fiber Optics Market by Optical fiber type, 2017 TO 2023
FIGURE 12 Global Fiber Optics Market size by End Users, 2017 TO 2023