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 built 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 are 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.), Birla 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

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