Global Fiber Optic Cable Market, Type (Single-mode, Multi-mode), Application (Long Distance Communication, Submarine Cable, FTTX, Local Mobile Metro Network, CATV), Region — Forecast till 2025

Fiber optic cables comprise glass or plastic threads of wires with the capacity to transfer data at high speeds. It is preferred by telecommunication companies and consumers owing to its high data volume capacity. The lightweight nature of these cables coupled with their low susceptibility to noise and interference make it highly treasured.

The global fiber optic cable market is anticipated to expand at a 11.18% CAGR from 2018 to 2025 (forecast period), according to the latest report by Market Research Future (MRFR). The increasing demand for high-quality video, audio, and data transmissions is expected to propel market demand. Low operational expenditure associated with these cables can spike up the adoption rate over the forecast period. The burgeoning aerospace and automotive sectors will provide future growth opportunities for the market.

Report Overview

The report covers the latest trends affecting the market to provide the most accurate forecasts and predictions. By correlating the historical data with key market dynamics, our analysts can make highly astute projections. MRFR’s report includes a thorough analysis of the global fiber optic cable market segmented by type, application, and region. Trends and opportunities are highlighted coupled with the market share of companies as well as their valuation in the market. It analyzes new revenue sources for players and outlines the various strategies implemented by players.

Segment Overview

By types, the fiber optic cable market is segmented into single-mode and multi-mode. Single-mode fiber networks use wave-division multiplexing (WDM) to transfer to increase the data traffic to be sent among the strand. Multi-mode cables use WDM to transfer data at differing speeds to certain various types of customers.

Major market applications include submarine cable, long-distance communication, local mobile metro network, cable television (CATV), fiber to the X (FTTX), other local access network, and others. All of the mentioned applications require fiber optic cables to enjoy high speed internet bandwidth.

The segments covered in the report are analyzed with respect to four major regions – North America, Europe, Asia Pacific (APAC), and the Rest-of-the-World (RoW), with respective country-level market sizing. The definition and advantages of “fiber optic cable” are outlined in the report for a comprehensive understanding of the market. The fiber optic cable market report discusses in detail the various players and their respective strategies to enhance their value chain.

Competitive Landscape

Some of the prominent participants in the fiber optic cable market include Hengtong (China), ZTT International Limited (India), Nexans S.A. (France), Fiber Home (China), TongDing, Group Co., Ltd. (China), Belden (U.S.), SterliteTech (India), Futong (Hong Kong), Kaile Science and Technology Co, Ltd. (China), CommScope Inc. (U.S.), Corning Inc. (U.S.),
FOLAN (U.K.), FUJIKURA LTD. (Japan), Prysmian Cables & Systems Limited (U.K.), YOFC (China), Sumitomo Electric, Ltd. (Japan), Furukawa Electric Co. Ltd. (Japan), Jiangsu Fasten Company Limited (China), Jiangsu Etern, Co., Ltd. (China), and others. These players are offering wired and wireless solutions to attract a wider range of consumers.

The report offers comprehensive profiles on security alarm solution providers and assesses their current standing in the market. Company history coupled with annual turnover, profit margins, segmental share, SWOT analysis, growth strategies, new product launches, mergers and acquisitions (M&A) activities, and latest R&D initiatives are discussed in granular detail.

Research Methodology

At MRFR, our research analysts conduct a thorough objective analysis of the fiber optic cable market while creating reports by adhering to a rigorous set of standards which allow a truly comprehensive view of the market. Use of primary research strategies such as interviews with top-level decision makers of various leading companies in the relevant market combined with secondary research provides a thorough analysis of past and present trends in a forward-looking manner. Additionally, market size estimation and validation use both top-down & bottom-up approaches to obtain data from the demand and supply-side. Credible resources are employed to assist analysts to understand the nuances of market factors with consistency. Competent data analysts use strong analytical tools to ascertain accurate analysis of very relevant parameters in an effort to provide clients with a conclusive and dependable view of the future.

Analysis Period

- Base Year - 2017
- Projection Period - From 2018 to 2025
- Market Denomination - USD Billion
- Conversion Rate - Considered as per the respective financial years

For the scope of research, the report offers a comprehensive analysis of the Global fiber optic cable market.

Type

- Single-mode
- Multi-mode

Application

- FTTX
- CATV
- Submarine Cable
- Long-distance Communication
- Local Mobile Metro Network
- Other Local Access Network

Region

- North America
  - The U.S.
  - Canada
  - Mexico
- Europe
  - The U.K.
  - Germany
  - France
  - Rest of Europe
- Asia Pacific
  - China
  - Japan
  - India
  - Rest of Asia Pacific
- Rest-of-the-World
  - The Middle East and Africa
Intended Audience

- Software Developers
- End-users
- Government
- Research
- Education
- Distribution Vendors
- Technology Innovators

Infographic Summary:

GLOBAL FIBER OPTIC CABLE MARKET

Global fiber optic cable market has generated revenue of USD XX Billion in 2017 and is expected to reach market value of USD 11.67 Billion by 2025 growing with 11.18% CAGR.

GEOGRAPHICAL OVERVIEW

NORTH AMERICA:
Generated revenue of USD XX Billion in 2017 and is projected to grow with XX% CAGR.

EUROPE:
Growing with XX% CAGR

ASIA-PACIFIC:
Dominating the market in 2017 by generating highest revenue of USD XX Billion and is projected to grow with fastest growing XX% CAGR

REST OF THE WORLD (ROW):
Growing with XX% CAGR

DRIVERS
- Demand for high-bandwidth and high-speed fiber optic data transmissions
- Low operation costs associated with Fiber Optic cables
- Demand of high quality data, audio and video transmissions

RESTRANINT
- Complex installation process for Fiber Optic infrastructure

OPPORTUNITY
- Increasing demand of Fiber Optic cables in Aerospace and Automotive industry

KEY PLAYERS

SUMITOMO ELECTRIC
FURUKAWA ELECTRIC GROUP
CORNING
Nexans
COMMZONE

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