

India Fiber Optic Components Market, By Type (Fiber Optic Cables, Fiber Optic Splitters, Fiber Optic Transceivers, Fiber Optic Amplifiers, Fiber Optic Circulators, Fiber Optic Connectors & Others), By Data Rate (10G, 40G, 100G and Above 100G), By Application (Distributed Sensing, Analytical and Medical Equipment, Lighting, Communications & Others), By Region, Competition, Forecast & Opportunities, 2025

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Abstracts

India fiber optic components market is expected to grow at a CAGR of 10% during the forecast period owing to increasing demand for data centres due to data localization policy and rising popularity of cloud computing services. Thus, there is growing need for fiber optic components such as Fiber Optic Cables, Fiber Optic Splitters, Fiber Optic Transceivers, Fiber Optic Amplifiers, Fiber Optic Circulators, Fiber Optic Connectors, etc. to lay down the optic fiber infrastructure. An increasing number of government initiatives such as BharatNet and Smart Cities initiative are anticipated to positively influence India fiber optic components market during forecast period.

India fiber optic components market can be segmented based on the type, data rate, application and region. Based on the type, India fiber optic components market is segmented into fiber optic cables, fiber optic splitters, fiber optic transceivers, fiber optic amplifiers, fiber optic circulators, fiber optic connectors & others, of which, fiber optic cables segment is the dominating market segment and the trend is likely to continue during forecast period due to the growing demand for data centres and rising adoption of FTTH (Fiber to the Home) connectivity. Based on the data rate, the market can be

segmented into 10G, 40G, 100G and Above 100G. 100G data rate segment is expected to be the fastest growing data rate as 100G provides higher bandwidth speed and efficiency to aid the growing demand for data centres and data generation.

Major players operating in India fiber optic components market include Sterlite Technologies Limited, Amphenol Interconnect India Pvt Ltd., Ciena India Pvt Ltd, Corning Technologies India Private Limited, etc.

Years considered for this report:

Historical Years: 2015-2018

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2021–2025

Objective of the Study:

To analyze and forecast the market size of India fiber optic components market.

To classify and forecast India fiber optic components market based on type, data rate, application and regional distribution.

To identify drivers and challenges for India fiber optic components market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in India fiber optic components market.

To identify and analyze the profile of leading players operating in India fiber optic components market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of players operating across the country. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about

their competitors. Through this technique, TechSci Research could include the companies which could not be identified due to the limitations of secondary research. TechSci Research analyzed the service offerings, distribution channels and presence of all major service providers across the country.

TechSci Research calculated the market size of India fiber optic components market using a bottom-up approach, wherein data for various type was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

Fibre optic components manufacturers, suppliers, traders and distributors

Government bodies such as regulating authorities and policy makers

Organizations, forums and alliances related to fiber optic components

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as service providers and partners, applications, etc., besides allowing them in strategizing investments and capitalizing on market opportunities.

Report Scope:

In this report, India Fiber Optic Components market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, By Type:

Fiber Optic Cables

Fiber Optic Splitters

Fiber Optic Transceivers

Fiber Optic Amplifiers

Fiber Optic Circulators

Fiber Optic Connectors

Others

Market, By Data Rate:

10G

40G

100G

Above 100G

Market, By Deployment Type:

On-premise

Cloud

Market, By Application:

Distributed Sensing

Analytical and Medical Equipment

Lighting

Communications

Others

Market, By Region:

West

South

North

East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India fiber optic components market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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3. Ciena India Pvt Ltd
4. Corning Technologies India Private Limited
5. ARRIS Group India Private Limited
6. Finisar India Private Limited
7. Broadcom India Private Limited
8. SEI Trading India Private Limited
9. Furukawa Electric Engineering India Private Limited
10. Molex (India) Pvt. Ltd.

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