

# **India Optical Fiber and Accessories Market by Component (Fiber Optic Cable, Fiber Optic Cable Accessories, Copper Cable, and Copper Cable Accessories), Cable Category (CAT5, CAT5E, CAT6, CAT6A, CAT7, CAT8, and Others), and End Use (Data Center, LAN Residential, Enterprise, Government, Telecommunication, and Others): Opportunity Analysis and Industry Forecast, 2019-2026**

<https://marketpublishers.com/r/IDE81045B849EN.html>

Date: August 2019

Pages: 134

Price: US\$ 2,580.00 (Single User License)

ID: IDE81045B849EN

## **Abstracts**

The India optical fiber and accessories market size was valued at \$461.6 million in 2018 and is projected to reach \$1.66 billion by 2026, growing at a CAGR of 17.2% from 2019 to 2026. An optical fiber is a transparent and flexible fiber made by drawing glass or plastic, which is used to transmit light. The optical fiber has wide usages in fiber-optic communications, where they allow transmission over longer distances and at higher bandwidths than wire cables. The adoption of fiber optic cables to send signals with less amount of loss has increased over the period, which drives the growth of the market. The Optical Fiber Accessories Market was valued at \$303.2 million in 2018 and is estimated to reach \$741.9 million by 2026, growing at CAGR of 11.7% from 2019 to 2026.

Growth in need for fast and improved networking & network services and an increase in broadband connections in developing economies are anticipated to be the major drivers of the India optical fiber and accessories market. Moreover, rising demand for optical communication and sensing applications for different purposes, pressing demand for optical fiber cable (ofC) in the IT & telecom sector, increasing internet penetration, and surging adoption of fiber to the home (FTTH) connectivity are expected to drive the

optical fiber industry growth. However, high installation cost and enhanced adoption of wireless communication systems are expected to impede the market growth. Conversely, rise in government investments in fiber optic network cable (ofC network) infrastructures is expected to present major opportunities for market expansion during the forecast period.

The India optical fiber and accessories market is segmented by component, cable category, end use, and region. In components segment, comparative analysis is done between current market trends and revenue of copper cables and optical fibers. Also, the import data for each cable type and accessory has been tracked. This segment is divided into fiber optic cable, fiber optic cable accessories, copper cable, and copper cable accessories. By cable category, it comprises CAT5, CAT5E, CAT6, CAT6A, CAT7, CAT8, and others. Based on end use, it is categorized into telecom & IT, public sector, healthcare, energy & utilities, aerospace & defense, manufacturing, and others. Based on region, the market is analyzed across North (include Delhi, Haryana, Himachal Pradesh, and Uttar Pradesh), South (includes Andhra Pradesh, Telangana, Karnataka, Kerala, Pondicherry, and Tamil Nadu), East (West Bengal, Bihar, Jharkhand, Odisha, Chhattisgarh, and Assam), and West (includes Goa, Gujrat, Maharashtra, Rajasthan, and Madhya Pradesh) region.

The key players profiled in the report include Sterlite Technologies Limited., Finolex Cables Ltd., Birla Cable Limited, Vindhya Telelinks Ltd., Universal Cables Limited, Polycab India Limited, Gupta Power Infrastructure Ltd., KEC International Limited, APAR Industries Limited, and Aksh OptiFibre Ltd.

## KEY MARKET SEGMENTS

### BY COMPONENT

Fiber Optic Cable

Fiber Optic Cable Accessories

Copper Cable

Copper Cable Accessories

### BY CABLE CATEGORY

CAT5

CAT5E

CAT6

CAT6A

CAT7

CAT8

Others

#### BY END USE

Data Center

LAN Residential

Enterprise

Government

Telecommunication

Others

#### BY REGION

North

South

East

West

## KEY MARKET PLAYERS

Sterlite Technologies Limited

Finolex Cables Limited

Birla Cable Limited (MP Birla Group)

Vindhya Telelinks Limited (MP Birla Group)

Universal Cables Limited (MP Birla Group)

Polycab India Limited

Gupta Power Infrastructure Limited

KEC International Limited

Apar Industries Limited

Aksh Optifibre Limited

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