

Global Optical Fibers Market Growth 2025-2031

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Abstracts

The global Optical Fibers market size is predicted to grow from US\$ 12690 million in 2025 to US\$ 18010 million in 2031; it is expected to grow at a CAGR of 6.0% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Fiber optics, or optical fiber, refers to the technology that transmits information as light pulses along a glass or plastic fiber. A fiber optic cable can contain a varying number of these glass fibers -- from a few up to a couple hundred. Another glass layer, called cladding, surrounds the glass fiber core. The buffer tube layer protects the cladding, and a jacket layer acts as the final protective layer for the individual strand. The Optical Fiber market covers Single-Mode Optical Fiber, Multi-Mode Optical Fiber, etc. The typical players include Prysmian, HTGD, Furukawa, Corning, YOFC, Futong, Fujikura, Sumitomo, etc.

Global key players of optical fiber include Prysmian, HTGD, Furukawa, Corning. etc. Global top five manufacturers hold a share over 40%. In terms of product, single-mode optical fiber is the largest segment, with a share over 95%. And in terms of application, the largest application is FTTx. with a share over 34%.

LP Information, Inc. (LPI) ' newest research report, the 'Optical Fibers Industry Forecast' looks at past sales and reviews total world Optical Fibers sales in 2024, providing a comprehensive analysis by region and market sector of projected Optical Fibers sales for 2025 through 2031. With Optical Fibers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Optical Fibers industry.

This Insight Report provides a comprehensive analysis of the global Optical Fibers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Optical Fibers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Optical Fibers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Optical Fibers and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Optical Fibers.

This report presents a comprehensive overview, market shares, and growth opportunities of Optical Fibers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Multi-Mode Fiber Optics

Single-Mode Fiber Optics

Segmentation by Application:

IT and Telecoms

Medical

Robotics

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Prysmian

Hentong

Furukawa

Corning

YOFC

Futong

Sumitomo

Tongding Optic-Electronic

CommScope

STL

FiberHome

Jiangsu Etern

ZTT

Fasten

Nexans

LS Cable and System

Key Questions Addressed in this Report

What is the 10-year outlook for the global Optical Fibers market?

What factors are driving Optical Fibers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Optical Fibers market opportunities vary by end market size?

How does Optical Fibers break out by Type, by Application?

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