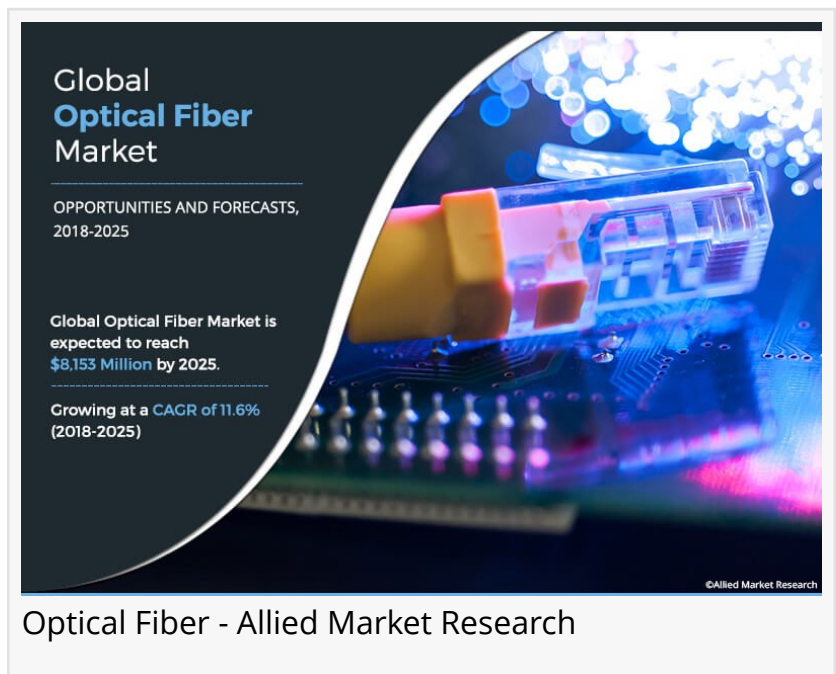


Optical Fiber Market Headed to Generate Revenue of \$8.1 Billion, Globally, by 2025 at 11.6% CAGR

Widespread adoption of 5G, increase in implementation of FTTH connectivity, and the advent of IoT is expected to propel the global optical fiber industry.

PUNE, MAHARASHTRA, INDIA,
September 14, 2020 /

EINPresswire.com/ -- Widespread adoption of 5G, rise in implementation of fiber-to-the-home (FTTH) connectivity, and advent of internet of things (IoT) drive the growth of the industry. However, high cost of installation and widespread presence of wireless communication systems would restrain the market growth. On the other hand, increase in investments in optical fiber cable (OFC) network infrastructure would create new pathways in the industry.



As per the report, the global optical fiber market garnered \$3.4 billion in 2017 and is expected to reach \$8.1 billion by 2025, registering a CAGR of 11.6% from 2018 to 2025. The report provides an extensive analysis of the changing industry dynamics, executive summary, insights on market competition, key segments, and recent developments.

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Single mode segment reigns the global market in terms of revenue

The single mode segment accounted for nearly three-fourths of the total market share in 2017, owing to various associated benefits such as high attenuation & dispersion, huge data-transmission capabilities, and usability within high-speed networks. This segment is expected to remain its dominant position throughout the forecast period. However, in terms of growth rate, the multi-mode segment would supersede the single mode segment, registering the fastest

CAGR of 13.1% from 2018 to 2025, owing to the feasibility of using such systems for short distances at a significantly lower cost than single-mode.

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Healthcare sector would go on to be the fastest

The healthcare sector would grow at the fastest CAGR of 16.8% from 2018 to 2025, owing to the adoption of advanced biomedical instrumentation for achieving enhanced efficiency in patient monitoring, diagnosis, and treatment. However, the telecom & IT segment contributed more than one-third of the total revenue in 2017, owing to the need for higher bandwidth and faster connections especially across emerging countries. The other segments analyzed in the study are public sector, energy & utilities, manufacturing, aerospace & defense among others.

North America fastest, Asia-Pacific dominating

Rise in investments in defense sector & security infrastructure along with increase in adoption of the technology in communication & data transmission services have enabled North America to grow at the fastest CAGR of 14.3% during the forecast period. However, Asia-Pacific region accounted for nearly two-thirds of the total market share in 2017, and will maintain its lead position by 2025, owing to technological advancements and rapid acceptance in the telecom & IT sectors.

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Leadership board

The major market players analyzed in the study are Fujikura Ltd., Sterlite Technologies Ltd., Corning Incorporated, The Prysmian Group, Furukawa Electric Co., Ltd., Sumitomo Electric Industries, Ltd., Finisar Corporation, Reflex Photonics, Inc., Nexans S.A., and Tata Communications Ltd. New product launches, expansions, joint ventures, collaborations, partnerships, mergers & acquisitions, and others are some of the strategies adopted by them to achieve a strong position in the industry.

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