

# North America Passive Optical Component Market (2016 - 2022)

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## Abstracts

Optical components such as optical cables, optical power splitters, optical couplers, optical encoders, and optical connectors are the major components of optical network system. Passive optical components are used majorly in fiber-to-the-home (FTTH) networks for leveraging the optical signals, multi/de-multiplexing, and in optical surveillance systems to generate video signals. Passive optical components do not have the need to convert electrical-to-optical or optical-to-electrical conversions during operations. These components include simple optical connectors and fixed optical attenuators, and additionally, more complicated, electronically controlled, optical devices such as switches and variable optical attenuators.

Passive optical components find their adoption in optical communication networks. The growing adoption of mobile phones, tablets, connected appliances, and other smart machines are contributing to the demand for connectivity. To add to the aforementioned factors, the growing market penetration for the internet has driven the need for faster bandwidths.

Based on the type, the Passive Optical Component market is segmented into Wavelength division multiplexers/de-multiplexers, Patch cords & Pigtails, Optical Amplifiers, Optical Connectors, Optical Couplers, Optical Encoders, Optical Transceivers, Optical Cables, Optical Power Splitters, Fixed & Variable Optical Attenuators, Optical Filters, Optical Circulators, and Other Passive Optical. The Applications highlighted in this report include Synchronous Digital Hierarchy (SDH) Systems, Synchronous Optical Network (SONET), Interoffice, Fiber in the Loop (FITL), Loop Feeder, and Hybrid Fiber-Coaxial Cable (HFC).

Based on country, Passive Optical Component market is segmented into US, Canada,

Mexico and Rest of North America. US remained the dominant country in the North America Passive Optical Component market in 2015. Canada would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Passive Optical Component market. Key companies profiled in the report include Motorola Solutions Inc., Tellabs Inc., Adtran Inc., Calix, Inc., Nokia Corporation, ZTE Corp, Huawei Technologies Comp. Ltd., and NXP Semiconductors N.V.

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