

# **FTTx Market (By Architecture – Fiber to the Home (FTTH), Fiber to the Premise (FTTP), Fiber to the Node (FTTN), Fiber to the Curb or Cabinet (FTTC). By Optical Fibre – Passive Optical Network, Active Optical Network) – Global Industry Analysis, Size, Share, Growth, Trends and Forecast, 2016 – 2025**

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## **Abstracts**

FTTx (Fiber to the X) term represents the broadband network architecture utilizing the optical fiber to supply overall part of the local loop. The copper cables are being replaced by optical fiber as they have the strength to carry much more extra data. Fiber to the home or FTTx is a mode of communication technology that carries the communication signal atop optical fiber from the operators switching equipment straight to the home. Fiber to the home provides high speed network access at affordable price range. With the increase in number of homes the market growth for FTTx is also on a rise. The fiber to the home technology is the key to high speed internet and also seems to forecast future economic growth. WiFi networks such as D-Link, Linksys, and NETGEAR uses optical fiber to transfer data at a very high speed. The fiber to the X (FTTx) encompasses many alternatives of fiber optic access which includes Fiber to the Home (FTTH), Fiber to the premise (FTTP), Fiber to the Node (FTTN), Fiber to the Building (FTTB) and Fiber to the Curb or Cabinet (FTTC). FTTx technology is a modern mode of telecommunication and is likely to augment the demand of the technology throughout various telecommunication verticals.

Fiber to the X offers wide range of benefits to the consumers. These benefits may include transferring of data at very high speed and that too at a very low cost which meets the consumers needs. In addition to this more number of telecom companies is adopting fiber to the X technology so as to provide high bandwidth to

consumers. Although the market growth for fiber to the home is at a nascent stage, however, the technology offers fast access to internet services, data and voice to the consumers. Hence, it is expected to achieve significant growth opportunities during the forecast period of 2016-2025.

The fiber to the X market in report is segmented by architecture which is further categorized into different parts such as Fiber to the Home (FTTH), Fiber to the premise (FTTP), Fiber to the Node (FTTN), Fiber to the Building (FTTB) and Fiber to the Curb or Cabinet (FTTC). The report has been further segmented by optical fiber which includes passive optical network and active optical network. The fiber to the X market has been segmented geographically into North America, Europe, Asia-Pacific, and rest of the world.

In telecommunication industry fiber to the X is one of a new kind of technology with its capacity to transfer high speed data to the consumers. Fiber to the X technology will be one of the major trends to gain traction in this market in the upcoming years. A couple of years back, copper wires were used to carry high bandwidths however with the upgradation of time optical fiber came into existence which can carry high bandwidth signal over large distances. Currently, major telecommunication companies are adopting this optical fiber technology to transfer high bandwidths. The rise in demand of high speed data, internet services, voice over internet protocol (VoIP), has augmented the growth for the market of fiber to the X during the forecast period of 2016-2025.

Some of the major players in the fiber to the X market are ADTRAN Inc., FiberHome Networks Co. Ltd., ZTE Corporation, 3M Communication Technologies, Fujikura Ltd., Mitsubishi Electric Corp., and Superior Essex Inc.

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