

Global Fiber Optic Connector Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014-2025

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Abstracts

Fiber optic connectors are used for mating fiber optic cables with minimal loss of light. They are used for mechanical coupling and the aligning of core fibers to allow efficient transfer of light while providing high reliability, high return loss, and low insertion loss. Also, they are used for termination of cables and its structure consists of connector body, cable, ferrules, and a coupling device. Earlier, fiber optic connectors were difficult and complex in use. However, with rapid technological advancements in the industry, manufacturers have now standardized and enhanced the user-friendliness of fiber optic connectors, thereby simplifying its usage. Global fiber optic connector market is expected grow at a CAGR of 9.8% from 2017 to 2025.

The global fiber optic connectors market is analyzed and segmented based on type, application, and geography. The various types of fiber optic connectors available in the market include lucent connector, multi-fiber termination push on/pull off connector, subscriber connector, straight tip, fiber connector, master unit, fiber distributed data interface connector, sub multi assembly connector and others. Lucent Connector dominates the market with highest market share. Fiber Optic connectors are used across a wide range of applications, some of which include Datacenters, Telecommunications, High Density Interconnection, Inter/Intra Building, Security Systems and Community Antenna Television. A microscopic analysis is conducted by studying the market scenario across various countries in North America, Europe, Asia-Pacific and the LAMEA region.

Market Dynamics

Drivers:

Increasing demand for high bandwidth

Greater safety concerns

Wider applications

Increased application of FTTH

Increased adoption of mobile devices

Restraints:

High investment

Growing adoption of wireless broadband and other technologies

New infrastructure requirements

MARKET PLAYERS:

The top players in the global fiber optic connector market include Optical cable corporation, Amphenol corporation, Siemens AG, Delphi Automotive PLC, TE Connectivity, Molex Incorporated, 3M, Adtek Group Limited, Extron Electronics, and Shenzhen DYS Fiber Optic Technology

KEY TAKEAWAYS

MARKET LANDSCAPE

By Type

Lucent Connector (LC)

Multi-Fiber Termination Push On/Pull Off (MTP)

Subscriber Connector (SC)

Straight Tip (ST)

Fiber Connector (FC)

Master Unit (MU)

Fiber Distributed Data Interface (FDDI)

Sub Multi Assembly (SMA)

Other

By Application

Datacenter

Telecommunication

High Density Interconnection

Inter/Intra Building

Security Systems

Community Antenna Television

Other

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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Amphenol corporation, Siemens AG, Delphi Automotive PLC, TE Connectivity, Molex Incorporated, 3M, Adtek Group Limited, Extron Electronics, and Shenzhen DYS Fiber Optic Technology

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