

# Active Optical Cable - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Global Active Optical Cable Market is accounted for \$898.1 million in 2017 and is expected to reach \$8,714.2 million by 2026 growing at a CAGR of 28.7% during the forecast period. The increasing demand for bandwidth & reliability and increased data centre deployments and rising adoption of virtualization and cloud-based services are driving towards the market growth. The high implementation cost of active optical cable and the chance of transmission losses & physical damage are restraining the market.

Active Optical Cable (AOC) is a cable oriented technology that accepts the same electrical inputs as a traditional copper cable but uses optical fiber “between the connectors” to improve the performance.

With respect to the application, Data center is expected to have much demand in the application of the active optical cable market. The tremendous growth is attributed to the wide portfolio to connect servers, switches, and storage, which can be successful by using an active optical cable.

According to geography, the Asia Pacific region is about to experience a rich future in the forecast period due to the demand and growth in emerging nations such as China, Japan, and India. The rising technological infrastructure will, in turn, develop the requirement for the market.

Some of the key players in the Active Optical Cable market are 3M Company, Amphenol Corporation (Amphenol ICC), Broadcom limited, Chromis Fiber optics, Cosemi Technologies Inc., Emcore Corporation, Finisar Corporation, Foxconn Interconnect Technology Limited, TE Connectivity Ltd., Sumitomo Electric Industries,

Ltd., Shenzhen Gigalight Technology Co., Ltd., Samtec, Inc., Molex Incorporated, Mellanox Technologies, Hitachi, Ltd. (Hitachi Cables America), and The Siemon Company.

#### Protocols Covered:

Displayport

Ethernet

High-Definition Multimedia Interface (HDMI)

InfiniBand

Universal Serial Bus (USB)

Serial-Attached SCSI (SAS)

Peripheral Component Interconnect Express (PCIE)

Thunderbolt

Other Protocols

#### Connectors Covered:

C Form-Factor Pluggable

Small Form Factor Pluggable (SFP)

Quad Small Form-factor Pluggable (QSFP)

CDFP (400 Form Factor Pluggable)

CXP

CX4 Connector

## Other Connectors

### Applications Covered:

Digital Signage

Consumer Electronics (CE)

High-Performance Computing (HPC)

Personal Computing (PC)

Data Center

Telecommunication

Other Applications

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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