

# **Global Consumer Active Optical Cable Market Size study, by Technology(InfiniBand, Ethernet, HDMI, DisplayPort, USB, Others), by Connector Type (QSFP, CXP, CDFP, CFP, SFP, Others), by Application ( Data Center, High-Performance Computing, Personal Computing, Digital Signage, Consumer Electronics, Others)and Regional Forecasts 2021-2027**

<https://marketpublishers.com/r/GCA8B2164B43EN.html>

Date: October 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GCA8B2164B43EN

## **Abstracts**

Global Consumer Active Optical Cable Market is valued at approximately USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2021-2027. An active optical cable (AOC) is a cabling method that improves the cable's performance by using optical fibre between the connections. These cables are mostly utilized in consumer applications for audio-video and network connectivity. These cables can be expanded from short to large lengths with the use of terminals, eliminating the need for additional connections. The growing usage of optical fibre communication networks in the telecom sector has been one of the primary drivers of considerable market growth for active optical cables. The information traffic is being impacted by the high penetration of the Internet, electronic commerce, multi-media, and other technologies, necessitating the use of fibre optics technology to meet the telecom sector's massive bandwidth requirements. Telecom companies have been quick to embrace such lines in order to improve data transfer rates while maintaining high capacity. Active optical cables enable telecom service providers to improve data connectivity standards while still maintaining a wide network coverage for their end-user clients, resulting in increased industrial growth. Growing technological advancements in the telecom industry have boosted the growth of fibre optics networks by incorporating several demanding and popular broadband network architectures such as Fiber to the Building, Fiber to the Home, and many others, resulting in a positive impact on active

optical cable growth. However, high initial investment associated with the active optical cable may impede market growth over the forecast period of 2021-2027.

The regional analysis of the Global Consumer Active Optical Cable Market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World (ROW). North America is the leading region across the world in terms of market share due to rise in demand for high performance computing, personal computers, digital signage, and consumer electronics in the region. Whereas Europe is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to increase in adoption of next-generation smart-TVs and high-definition video content on the internet across the region.

Major market player included in this report are:

3M Company  
Amphenol Corporation  
Avago Technologies Limited  
Finisar Technologies  
Fujitsu Limited  
IBM  
Lumentum Holdings Inc.  
Molex LLC  
Siemon Company  
Sumitomo Electric Industries Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

InfiniBand  
Ethernet  
HDMI  
DisplayPort

USB

Others

By Connector Type:

QSFP

CXP

CDFP

CFP

SFP

Others

By Application:

Data Center

High-Performance Computing

Personal Computing

Digital Signage

Consumer Electronics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018,2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Consumer Active Optical Cable Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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