

Active Optical Cable Market Size, Share, Trends, Forecast and Analysis of Key players 2027

The global active optical cable market reached a value of US\$ XX Billion in 2021. IMARC Group expects the market to grow at a CAGR of XX% during 2022-2027.

SHERIDAN, WYOMING, USA, February 7, 2022 /EINPresswire.com/ --

Active optical cable (AOC) is a cabling technology that is used to receive and boost signals through fiber optical cables. It makes use of electrical and optical fiber between the connectors to improve the performance of the cable.

It consists of multi-mode optical fiber, a transceiver, a control chip, and modules. The technology relies on different protocols like InfiniBand, USB, and Ethernet for data transmission. AOC is lightweight and less bulky, which offers various advantages, including a small bend radius for easy installation and reduced power consumption. As a result, it is increasingly employed as an alternative to copper cables in data centers and high-performance computing (HPC) applications. AOC also finds application across telecommunication, consumer electronics, and personal computing sectors.

Report Metric

Historical: 2016-2021

Base Year: 2021

Forecast Year: 2022-2027

The [global active optical cable market reached](#) a value of US\$ XX Billion in 2021. Looking forward, IMARC Group expects the market to grow at a CAGR of XX% during 2022-2027.

Active Optical Cable Market Trends and Drivers:

The global AOC market is primarily driven by the growing adoption of emerging technologies such as network-function virtualization (NFV) and software-defined networking (SDN).



Commercial enterprises are generating a massive amount of data on a regular basis, thereby increasing the demand for AOC with high bandwidth and speed.

Besides this, AOC is gaining traction as it provides better performance and enhanced reliability, eliminating the need for external optical transceivers and higher resistance to electromagnetic interference. In addition to this, governments of different countries are implementing various initiatives to improve the network infrastructure, which has escalated the demand for AOCs.

Moreover, technological advancements in fiber optics technology coupled with the minimized errors and cost-effectiveness of AOCs are anticipated to facilitate market growth in the upcoming years.

Get a PDF Sample for more detailed market insights: <https://www.imarcgroup.com/active-optical-cable-market/requestsample>

Note: We are regularly tracking the direct effect of COVID-19 on the market, along with the indirect influence of associated industries. These observations will be integrated into the report.

Global Active Optical Cable Market 2022-2027 Analysis and Segmentation:

Competitive Landscape:

The competitive landscape of the market has been studied in the report with the detailed profiles of the key players operating in the market.

3M Company, Amphenol Corporation, Broadcom Inc., EMCORE Corporation, Fujitsu Limited, II-VI Incorporated, International Business Machines Corporation, Lumentum Operations LLC, Molex LLC (Koch Industries Inc.), Sumitomo Electric Industries Ltd., TE Connectivity and The Siemon Company.

The report has segmented the market on the basis of region, connector type, technology and application.

Breakup by Connector Type:

- QSFP
- QXP
- QDFP
- QFP
- SFP
- Others

Breakup by Technology:

- InfiniBand

- Ethernet
- HDMI
- DisplayPort
- USB
- Others

Breakup by Application:

- Data Center
- High-Performance Computing
- Personal Computing
- Digital Signage
- Consumer Electronics
- Others

Breakup by Region:

- North America: (United States, Canada)
- Asia Pacific: (China, Japan, India, South Korea, Australia, Indonesia, Others)
- Europe: (Germany, France, United Kingdom, Italy, Spain, Russia, Others)
- Latin America: (Brazil, Mexico, Others)
- Middle East and Africa

Ask Analyst for Customization and Explore Full Report with TOC & List of Figure:

<https://bit.ly/3LeG08J>

If you want latest primary and secondary data (2022-2027) with Cost Module, Business Strategy, Distribution Channel, etc. Click request free sample report, published report will be delivered to you in PDF format via email within 24 to 48 hours of receiving full payment.

Key highlights of the report:

- Market Performance (2016-2021)
- Market Outlook (2022- 2027)
- Porter's Five Forces Analysis
- Market Drivers and Success Factors
- SWOT Analysis
- Value Chain
- Comprehensive Mapping of the Competitive Landscape

If you need specific information that is not currently within the scope of the report, we can provide it to you as a part of the customization.

About Us:

IMARC Group is a leading market research company that offers management strategy and market research worldwide. We partner with clients in all sectors and regions to identify their

highest-value opportunities, address their most critical challenges, and transform their businesses.

IMARC's information products include major market, scientific, economic and technological developments for business leaders in pharmaceutical, industrial, and high technology organizations. Market forecasts and industry analysis for biotechnology, advanced materials, pharmaceuticals, food and beverage, travel and tourism, nanotechnology and novel processing methods are at the top of the company's expertise.

Other Related Reports Of IMARC Group :

Biscuits Market Size : <https://imarcgroup.bcz.com/2022/02/04/biscuits-market-size-share-trends-forecast-and-analysis-of-key-players-2027/>

Solar Encapsulation Market : <https://imarcgroup.bcz.com/2022/02/04/solar-encapsulation-market-is-set-for-strong-growth-and-reach-around-us-4845-3-million-by-2027/>

Healthcare Cyber Security Market Size : <https://imarcgroup.bcz.com/2022/02/04/global-healthcare-cyber-security-market-size-share-trends-forecast-and-analysis-of-key-players-2027/>

One Wheel Electric Scooter Market Size : <https://workiton.com/question/global-one-wheel-electric-scooter-market-2022-2027-industry-size-market-share-trends-growth-and-opportunities/>

Contact Us:

IMARC Services Private Limited.

30 N Gould St Ste R

Sheridan, WY 82801 USA – Wyoming

Email: Sales@imarcgroup.com

Tel No:(D) +91 120 433 0800

Americas:- +1 631 791 1145 | Africa and Europe :- +44-702-409-7331 | Asia: +91-120-433-0800, +91-120-433-0800

Elena Anderson

IMARC Services Private Limited

+1 6317911145

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/562521031>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

