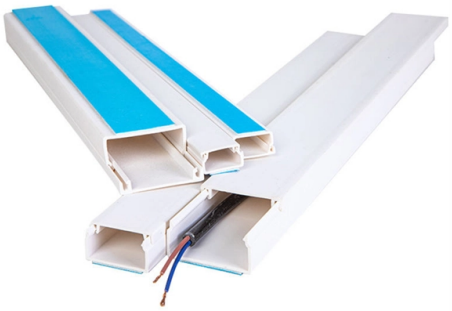
Ranking of Active Optical Cable Brands



Overview

This section provides an overview for active optical cables as well as their applications and principles. Also, please take a look at the list of 20 active optical cable manufacturers and their company rankings.

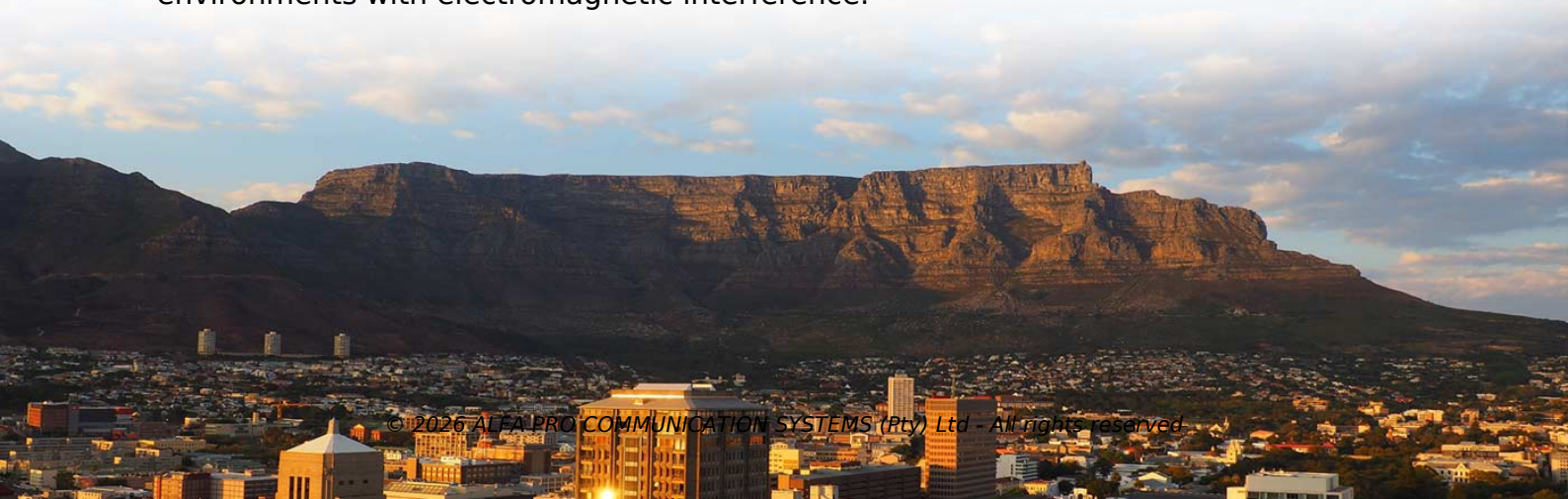
Key Takeaways

As of May 2026, the top active optical cable (AOC) companies are Molex, Jiangsu NUSENS Optic-Electric Technology, and UnitekFiber Solution. Top Active Optical Cable Companies (2026)Molex, LLC – Founded in 1938 and headquartered in Lisle, Illinois, Molex is a subsidiary of Koch Industries. The company is a leading manufacturer of electronic and fiber optic connectivity systems, serving industries such as automotive, consumer electronics, healthcare, manufacturing, and telecom infrastructure.

Molex is recognized for its innovation in AOC technology and high-performance connectivity solutions.

Jiangsu NUSENS Optic-

Electric Technology Co., Ltd – Based in China, NUSENS specializes in active optical cables and fiber optic solutions. The company focuses on high-speed data transmission, short-range optical communications, and products optimized for environments with electromagnetic interference.



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Unitek

Fiber Solution – This company provides a range of AOC products and fiber optic connectivity solutions, emphasizing reliability, durability, and performance in data center and telecom applications. Other Notable Companies in the AOC SectorWhile the top three are highlighted, other companies also play significant roles in the global AOC market: Prysmian Group – Italy-based, a global leader in fiber optic and energy solutions, with extensive submarine and terrestrial cable networks. Corning Incorporated – U.

S.-based pioneer in optical fiber technology, supplying high-purity glass fibers and photonic components for data centers and telecom networks. Sumitomo Electric Industries – Japan-based, known for advanced fiber optic cables supporting telecommunications and automotive sectors. Furukawa Electric Co., Ltd – Japan-based manufacturer of high-performance optical fibers and cables for telecom and industrial applications.

L

S Cable & System – South Korea-based, providing advanced cable products for power distribution, telecommunications, and automotive industries.

Key Considerations

Active optical cables integrate optical fibers with electrical circuits, enabling high-speed data transmission over short distances while resisting electromagnetic interference. Companies leading in this sector are evaluated based on market share, innovation, global reach, and reliability. Molex, NUSENS, and UnitekFiber Solution currently dominate the AOC market, while global fiber optic leaders like Prysmian and Corning provide complementary solutions for large-scale telecom and data center deployments.

These rankings are particularly useful for data center planning, telecom infrastructure projects, and high-speed networking applications, where performance, durability, and supplier reliability are critical.

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Article Content

20 Active Optical Cable Manufacturers in 2026

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Global Active Optical Cables (AOC) Companies

This report lists the top Global Active Optical Cables (AOC) companies based on the 2023 & 2024 market share reports. Mordor Intelligence expert advisors conducted extensive research and

Global Active Optical Cable Market 2025 by Manufacturers, Regions,

Chapter 2, to profile the top manufacturers of Active Optical Cable, with price, sales quantity, revenue, and global market share of Active Optical Cable from 2020 to 2025.

Active Optical Cable

This report aims to provide a comprehensive presentation of the global market for Active Optical Cable, focusing on the total sales volume, sales revenue, price, key companies market share and ranking,

Active Optical Cable-Global Market Share and Ranking, Overall Sales

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According to a research report published by Spherical Insights & Consulting, The global active optical cable market Size is projected to grow from USD 3.4 Billion in 2024 to USD 11.4 Billion by 2035, at a

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Active Optical Cables are lightweight, flexible, and energy-efficient, making them ideal for high-speed, long-distance connections in modern networking and multimedia systems. Global active optical

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The Global Active Optical Cables Market size is expected to reach USD 4.66 billion in 2025 and grow at a CAGR of 13.5% to reach USD 8.79 billion by 2030.

Active Optical Cable

The global market for Active Optical Cable was estimated to be worth US$ 3664 million in 2024 and is forecast to a readjusted size of US$ 9378 million by 2031 with a CAGR of 14.1% during the forecast

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Optical fibers, optical fiber cables, splicers, optical connectors, optical transceivers, active optical cable assemblies, fiber lasers, magnet wires, sensors, cable assemblies, heat pipes, automotive and

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Shifts in the Active Optical Cable Market from 2020 to 2024 and Future Trends 2025 to 2035. From 2020 to 2024, the Active Optical Cable (AOC) Market has witnessed sustained growth

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Active Optical Cable & Extender Companies

Corning Incorporated''s optical fiber manufacturing facilities are strategically located in North Carolina, China, and India, with a new facility in Poland. These manufacturing centers support the company''s

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