Saudi Arabia sells short-segment optical cables



Overview

The expansion of the Saudi Arabia Undersea Fiber Optic Cable Market is therefore fueled by regulatory backing as well as changes to current regulations to boost international electricity trade.

Key Takeaways

Saudi Arabia manufactures and sells short-segment optical cables, including active optical cables for data centers and high-bandwidth networking applications.

Key Manufacturers

Middle East Fiber Cable Manufacturing Co. (MEFC), based in Riyadh, specializes exclusively in fiber optic cables and accessories, offering high-precision, short-reach solutions suitable for telecom, industrial, and data center applications, often using top-tier fiber cores from global suppliers like Corning or Fujikura. Integrated Fiber Cables (IFC), located in Sudair, produces fiber optic cables and accessories for telecom and power sectors, focusing on precision-engineered solutions that meet international standards and project-specific requirements. Other notable manufacturers include Riyadh Cables Group, Bahra Electric, and Jeddah Cables Company, which provide a range of optical cables, including hybrid and tactical cables, often approved for large-scale infrastructure projects like 5G networks and FTTH deployments.



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Active Optical Cable Market

Saudi Arabia's active optical cable (AOC) market is growing rapidly due to high-performance data center interconnects, AI computing clusters, and enterprise networking needs. These cables integrate optical fiber with electro-optical transceivers, enabling high-bandwidth, low-latency, and short-reach connections that outperform copper cables over similar distances. Popular formats include InfiniBand, Ethernet, HDMI, and DisplayPort AOCs, which are widely used in hyperscale data centers and HPC systems.

The market is projected to grow from USD 0. 9 billion in 2025 to USD 1. 8 billion by 2032, reflecting strong demand for short-segment, high-speed optical interconnects.

Applications and AdvantagesShort-segment optical cables in Saudi Arabia are primarily used for: Data center interconnects between servers, switches, and storage systemsHigh-performance computing (HPC) clusters and AI supercomputing fabricsTelecom and 5G infrastructure, including FTTH and base station backhaulIndustrial and government networks requiring secure, high-bandwidth links Advantages include lightweight construction, low power consumption, high bandwidth density, plug-and-play compatibility, and reduced electromagnetic interference, making them ideal for short-reach, high-speed applications.

Conclusion

Saudi Arabia not only imports but also produces short-segment optical cables domestically, with manufacturers like MEFC and IFC providing high-quality, project-specific solutions. The growing demand from data centers, AI clusters, and telecom infrastructure ensures that short-reach optical cables are widely available and increasingly integrated into national and regional networks.

Article Content

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Fiber Optic Cable Manufacturers in Saudi Arabia

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Saudi Arabia''s fiber optic cable market is served by several prominent manufacturers, each offering unique strengths and specializations. Here are key players in the industry:

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Therefore, we have meticulously curated a list of the top 5 best fiber optic cable manufacturers in Saudi Arabia for the year 2024, highlighting their unique strengths, products, and contributions to the Saudi

Products – Saudi Cable Company

SCC is a market-leading designer, manufacturer and provider of advanced copper, aluminium and fibre optic cable products.

Company Profile

Since its inception in 1995, Middle East Fiber Cable Manufacturing Co. (MEFC) has established itself as the leader in manufacturing optical fiber cables for telecommunications and industrial sectors.

Saudi Cable Company

From people, to places, to projects, Saudi Cable Company (SCC) is dedicated to providing leading energy and telecommunications cable solutions to the world. The Middle East''s foremost global

Top Fiber Optic Cable Manufacturers in Saudi Arabia (KSA)

This blog is detailed guide to the most certified and capable Fiber Optic Cable Manufacturers in Saudi Arabia.

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The Saudi Arabian optical fiber cables market operates within a global landscape dominated by China and the United States in both production and consumption. From 2020 to 2024,

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Saudi Arabia

Exports of Optical Fibers, Bundles and Cables Exports from Saudi Arabia In 2025, approx. X tons of optical fibers, bundles and cables were exported from Saudi Arabia; remaining

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The analysis is structured to be adaptable to any Saudi Arabia Single Mode Fiber Optic Cables Market while providing actionable, region-specific insights.

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