ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Armenia Active Optical Cable



Overview

Armenia Active Optical Cable Market (2025-2031) | Forecast6Wresearch actively monitors the Armenia Active Optical Cable Market and publishes its comprehens.

Key Takeaways

Active Optical Cables are available in Armenia through local suppliers and are supported by the country's extensive fiber-optic infrastructure.Market Overview

Armenia has a well-developed fiber-optic network, with fiber accounting for over 83% of fixed broadband connections as of early 2024, reflecting a strong foundation for high-speed data transmission technologies like AOCs . The liberalization of the telecom market since 2005–2007 and the removal of ISP licensing in 2013 have fostered competition, resulting in over 200 registered ISPs and widespread 4G/LTE coverage across all settlements . This environment supports the adoption of advanced optical solutions, including AOCs, for both enterprise and residential applications.

Key Providers and Infrastructure



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Leading Armenian telecom operators such as OVIO (GNC-ALFA CJSC) have invested heavily in fiber-optic infrastructure, deploying GPON technology and maintaining over 3,000 km of fiber-optic networks across major cities . OVIO's network supports high-speed data transmission up to 200 Gbps, making it compatible with AOCs for data centers, enterprise networks, and high-performance computing applications . Other local suppliers, such as SP Network, offer a range of fiber-optic and network cables suitable for indoor and outdoor deployments, which can include AOCs or compatible optical transceivers .

Availability and Applications

Active Optical Cables in Armenia are primarily used for:

• Data center interconnects and high-speed server connections

• Enterprise LANs requiring long-reach, high-bandwidth links

• Telecom backbone networks connecting regional nodes

• High-performance computing clusters where low latency and high throughput are critical AOCs are advantageous in Armenia's context because they combine fiber-optic transmission with integrated transceivers, reducing the need for separate optical modules and simplifying installation in dense network environments.
Market Trends

The Armenian optical fiber market is growing steadily, driven by increasing internet penetration, government support for digital infrastructure, and the expansion of corporate and residential broadband services . The demand for high-speed, low-latency solutions like AOCs is expected to rise, particularly in data centers, financial institutions, and government networks that require reliable and scalable optical connectivity.

Purchasing Options

Local distributors such as SP Network provide a variety of fiber-optic cables and network solutions suitable for AOCs . International suppliers can also ship AOCs to Armenia, supported by the country's established import channels for optical fibers and cables . Enterprises and ISPs can source AOCs for both short-range (up to 100 meters) and long-range (up to several kilometers) applications depending on network requirements. In summary, Active Optical Cables are accessible in Armenia, supported by a robust fiber-optic infrastructure, multiple local suppliers, and a growing demand for high-speed data connectivity in both commercial and residential sectors.

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Planet Fiber is a supplier offering a wide range of products, including advanced telecom solutions, network equipment, security

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OVIO''s network is based on fiber-optic infrastructure with underground deployment, connecting Armenia to the external world

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This company owns the fiber-optic cable, buried underground, right next to the railway track. Georgian Railway

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Amphenol provides high speed, high reliability Active optical cables and transceivers

Georgian Woman Accidentally Brings Down Armenia''s Internet

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Georgian woman cuts off web access to whole of Armenia

An elderly Georgian woman was scavenging for copper to sell as scrap when she accidentally sliced through an

Georgia Woman, 75, Charged With Cutting Off Armenia From The

A 75-year-old Georgian woman is facing jail time after she accidentally sliced through an underground cable and

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Grandma''s cutting off Armenia''s internet resembles Georgian farce

YEREVAN. - Three out of four cables connecting Armenia to the global network were damaged in Georgia twice over

Starlink in Armenia/ JAMnews

The 75-year-old Georgian citizen accidentally cut through a fibre-optic line while searching for copper near the village of

Inside The Time A 75-Year-Old Woman Once Cut Off The Internet

At the time of the alleged crime, police barricaded the area where the elderly woman damaged the cables that run just

No internet? Blame it on the old lady

Scavenging pensioner ''cut off Georgia-Armenia internet'' AN elderly woman digging for scrap metal hacks into a fibre-optic cable,

75-year old granny cuts off the Internet for an entire country

The fiber that was sliced served all of Armenia, more than 90% of Georgia and parts of Azerbaijan. Service was

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Unveiling the World of Active Optical Cables: A Comprehensive Guide

Explore the world of active optical cables (AOC) in our comprehensive guide. Discover their role in high-speed data

Active Optical Cables & How They Will Transform Your Network

Learn why Active Optical Cables are the future of fast, reliable data transmission for modern networks.

Active Optical Cables (AOC)

Molex Active Optical Cables (AOCs) achieve high data rates over long reaches, using a fraction of the power of other brands while

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Armenia Communications 2024, CIA World Factbook

international: country code - 374; Yerevan is connected to the Caucasus Cable System fiber-optic cable through Georgia and Iran to

Cables

«Yerenergo» CJSC is a company operating in the power engineering field with long term technical experience and with an attitude

Elderly Woman Shuts Down Armenian Internet

An elderly woman in Georgia scavenging for copper inadvertently shut down internet access in Armenia for about five

CableHUB

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