Where is the Somali fiber optic cable managed



Overview

Internet Access in Somalia: Growth, Challenges, and the Future of. Broadband and Fiber Infrastructure: Somalia's fixed broadband infrastructure is nascen.

Key Takeaways

Somalia has a growing fiber optic network with multiple providers offering high-speed, redundant, and internationally connected services across the country and the Horn of Africa.

Key Providers and Networks

Dalkom Somalia is a major shareholder in the EASSy submarine fiber cable, which interconnects nine countries along Africa's eastern seaboard. It also has investments in EIG and WACS, providing extensive redundancy and international reach. Dalkom's terrestrial fiber network spans over 55,000 km, connecting more than 500 locations across 30 African countries, and extends to over 700 cities globally, ensuring reliable high-speed connectivity.

Somcable, founded in 2009, operates as an open wholesale fiber optic provider covering 80% of Somaliland and linking Djibouti, Somaliland, and Puntland. Its network uses Dense Wavelength Division Multiplexing (DWDM) technology capable of transmitting over 400 Gb/s, with redundant paths and multiple rings in cities like Hargeisa to ensure continuous connectivity. Somali Optical Network (SOON) provides Fiber to the Home (FTTH) services and international interconnectivity for Somali operators and carriers.



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SOO

N offers local loop capacity, data transit, video broadcasting, and surveillance services, supporting both domestic and international telecom needs.

Somtel FG

C was among the first to launch high-speed fiber systems in the Horn of Africa, serving Somalia, Djibouti, Ethiopia, and Kenya. It operates a 36 Tb backbone network and provides customized high-bandwidth solutions for businesses, ensuring 24/7 connectivity. Bluekom focuses on fiber deployment and fixed wireless services, offering high-speed internet with secure connections and dynamic public IPs.

It provides both residential and business plans, emphasizing reliable and fast connectivity across its network.

Technology and Capabilities

Somali fiber networks utilize DWDM and IP-based technologies, enabling high-capacity data transmission and secure traffic management. Networks are designed with redundancy and multiple paths to maintain connectivity during outages. Providers offer FTTH, local loop, and international transit services, supporting both consumer and enterprise needs.

Coverage and Connectivity

The fiber optic infrastructure in Somalia covers major cities such as Hargeisa, Borama, Berbera, and Burco, with networks extending to Puntland and Somaliland. Internationally, Somali networks connect to Djibouti, Kenya, Ethiopia, and beyond, linking Somalia to global internet backbones and ensuring high-speed, reliable access for businesses and telecom operators. SummarySomalia's fiber optic landscape is supported by multiple providers offering robust, high-speed, and internationally connected networks.

With technologies like DWDM, FTTH, and extensive terrestrial and submarine cable integration, Somali fiber networks provide redundant, scalable, and secure connectivity for both domestic and international users, making the country increasingly integrated into the global digital infrastructure.

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Article Content

Internet Access in Somalia: Growth, Challenges, and the Future of ...

Broadband and Fiber Infrastructure: Somalia''s fixed broadband infrastructure is nascent but improving. The country now has several submarine fiber-optic cables landing on its shores, which

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The Federal Republic of Somalia, located on the coast of the Horn of Africa, Somalia has up to 5 submarine cable gateways, enabling the connection of at least 12 cables, making it possible for the

Submarine Fiber Optic Cable Landing Operators in Somalia to Submit ...

Somalia has four submarine cables (Eassy, Gulf2Africa, DARE and Peace) terminating at three cable landing stations across Somalia, namely Mogadishu, Berbera and Bosasso.

World Bank Document

To date, fiber optic networks have been deployed in parts of Somaliland, Puntland, and in the Mogadishu metropolitan area.

World Bank Document

A branch submarine cable from the East Africa Submarine System cable (EASSy), which arrived in Mogadishu in early 2015, bringing fiber to the country for the first time.

Somalia pushes for unified fibre-optic policy to strengthen digital ...

The country''s existing domestic fiber optic network is dispersed and underdeveloped, even though it is connected to five international underwater cables and will soon have a sixth.

Somalia aims to develop policy to accelerate the deployment of optical ...

Thursday November 21, 2024 Somalia is working to put in place a favourable regulatory framework to strengthen its digital infrastructure. In particular, regulator the National Communications Authority is

Somalia''s Vision to Accelerate Optical Fiber Deployment

From enabling e-commerce to optimizing agricultural supply chains, optical fiber networks unlock new opportunities across various sectors. This infrastructure can also attract foreign

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World Bank Document

The absence of an integrated fiber optic backbone network presents a major barrier for developing Somalia''s connectivity market. This prevents cost-effective distribution of growing international

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A. BACKGROUND In the absence of an integrated fiber optic backbone network, more than 70 percent of Somalia''s population does not have access to broadband services. The Federal Republic of

Somalia Advances Connectivity with National Fiber Optic Policy ...

The Fiber Optic Unit Policy will lead the country''s installation and expansion of Fiber Optics, which will reduce expenditure, and provide an opportunity for modern economy, and

Somalia aims for unified fibre optic policy to boost digital economy ...

The Somali government is developing a unified fibre optic deployment policy to streamline the installation and expansion of fibre optic infrastructure across the country. That

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Somalia pushes for unified fibre-optic policy to

Somalia is taking significant steps to enhance its digital infrastructure by introducing a comprehensive regulatory framework for the deployment of fibre

FEDERAL GOVERNMENT OF SOMALIA MINISTRY OF

In the absence of an integrated fiber optic backbone network, more than 70 percent of Somalia''s population does not have access to broadband services. This prevents Somalia from benefiting from

Network Engineers

Obtain Geo-marketing plan from the marketing department and plan the network accordingly Responsible to install and maintain Bluecom Backbone & Metro fiber optic cable networks The head

SomCable

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Somaliland Cable abbreviated as SomCable is a private Internet service provider based in Hargeisa, capital of Somaliland. Founded in 2010 by Mohamed Aw Said, a local businessman. In 2015

Somcable Demo | Somcable Demo1

Somcable Demo1 Founded in 2009 as part of the MSG Group of Companies, we are a progressive fiber optic network company providing services to the Horn of Africa. We pride ourselves in being an open

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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