Botswana to fiber optic cable

Overview

Supplier of Rf Cable, Coaxial Cable & Rf Coaxial Cable offered by Bentel Technologies from Gaborone, South East, Botswana.

Key Takeaways

Botswana has a rapidly expanding fiber optic network, with national coverage provided by BoFiNet and commercial services from ISPs like 3Net and Paratus Botswana.National Fiber Infrastructure

BoFiNet (Botswana Fibre Networks) is the government-owned wholesale provider of national and international telecommunication infrastructure. Established in 2012, BoFiNet manages long-distance transmission networks and provides connectivity to ISPs such as BTC, Mascom, and Orange Botswana . It operates Botswana's largest fiber network, offering services like Fiber-to-the-Home (FTTH), Fiber-to-the-Business (FTTB), national leased lines, and international connectivity through submarine cables including EASSy and WACS . BoFiNet's infrastructure supports high-speed broadband, carrier Ethernet, and IP transit services across the country.

Commercial Fiber Providers

Several private ISPs and telecom companies provide fiber services to homes and businesses:

• 3Net offers 100% fiber-optic broadband with speeds suitable for UHD/4K streaming, gaming, and multiple device connectivity. Residential and business packages are available, with installation typically completed within three days in partnership with BoFiNet .

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• Paratus Botswana operates the Botswana Kalahari Fiber (BKF) Project, an 840-kilometer fiber route connecting Gaborone to the Namibian border. This project links Botswana to the Google Equiano subsea cable, enhancing speed, reliability, and redundancy for enterprise and residential users .

• Afrikkom Global focuses on modern telecom infrastructure, including fiber and 5G deployment, providing scalable solutions for businesses and homes across Botswana .

Market Trends and Fiber Deployment

The Botswana IT and telecom market is transitioning from copper-based infrastructure to high-speed fiber optics, driven by government investment in technology parks, data centers, and 5G rollouts . Fiber optic cables dominate approximately 60% of the telecom cable market, with bulk pricing ranging from $0.03 to $0.99 per meter depending on core count. The expansion of the Digital Delta Data Centre and smart city initiatives further fuels demand for reliable, low-latency fiber networks .

Fiber Products and Installation

Local suppliers like CompuCare provide a wide range of fiber optic cables and accessories, including multimode and single-mode duplex cables, patch cords, splice cassettes, and network tools suitable for both commercial and residential installations . Installation options include aerial fiber for homes and businesses, with wireless or satellite alternatives available in areas without fiber coverage .

Key Takeaways

• Botswana's fiber network is extensive and growing, with national coverage by BoFiNet and commercial services from multiple ISPs.

• Fiber optic technology supports high-speed, low-latency internet suitable for streaming, gaming, and enterprise applications.

• Strategic projects like the BKF route and Digital Delta Data Centre position Botswana as a regional hub for digital connectivity.

• Both residential and business users can access fiber services, with installation fees and packages varying by provider and speed requirements . For more information, users can check BoFiNet's coverage maps, contact ISPs like 3Net or Paratus Botswana, or consult local fiber optic suppliers for installation and equipment options.

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Article Content

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Botswana Fiber Network (BoFiNet), a state-owned entity, provides wholesale national and international

55 Best Internet providers in Botswana, Top Ranking ISPs with Contacts

INTERNET PROVIDERS IN BOTSWANA, List of Top Ranking ISPs Across 16 Districts, Fiber Coverage, ICT

Paratus to establish fiber route linking Botswana, Zimbabwe and Zambia

Paratus Botswana has started work on launching a new fiber route, called the SADC Highway, that will connect

Botswana Kalahari Fiber

Fiber optic technology delivers internet to your premises through fiber cables, typically using aerial fiber for home use. In contrast,

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Our primary focus at Southern Elements is providing customers with fiber optic products or equipment needed for their desired

BoFiNet

Botswana Fibre Networks (BoFiNet) has completed its 2025/26 Local Access Projects, rolling out high-speed fibre internet to

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