

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.

- 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.

Article Content

Cable IT Botswana: Market Trends 2026

The Botswana IT market is undergoing a transition from traditional copper-based infrastructure to high-speed fiber

Botswana Fiber Optic Cable Market (2025-2031) | Size & Value

The Fiber Optic Cable market in Botswana is projected to grow at a high growth rate of 12.24% by 2027, highlighting the country's

CompuCare :: Network Cables & Tools

This Multimode Duplex Fiber Optic Patch Cable (50/125) - LC to ST is built with genuine Corning Glass,

Top 10+ Best Cabling and Fibre Optics Companies in Botswana

List of Top Verified Cabling and Fibre Optics Companies in Botswana, Near Me. Last updated Aug 2026.

High-Capacity Fiber Corridor Links Botswana Zimbabwe Zambia

The network establishes direct fiber-optic connections between Botswana, Zimbabwe, Zambia, and South Africa,

Botswana Kalahari Fiber

Discover how Paratus Botswana's 840-kilometer fiber route enhances connectivity, linking Botswana to the advanced Google

List of terrestrial fibre optic cable projects in Africa

Map of active and planned African undersea fibre optic cables, as of September 2025
This is a list of terrestrial fibre optic cable

Home

Pay your bills, buy airtime and data, manage your account from the comfort of your own home using the

Fiber Up with Paratus | Paratus Botswana

Up with Paratus Fiber Up with Paratus Paratus is a pan-African telecommunications provider operating one of the continent's most

Bentel Technologies

Supplier of Rf Cable, Coaxial Cable & Rf Coaxial Cable offered by Bentel Technologies from Gaborone, South East, Botswana. [View](#)

Home Internet

Breeze – 100Mbps: A fast and reliable package ideal for active households. Great for web browsing, social

[List of Internet Service Providers | Botswana Communications](#)

Choose the type of license you are applying for from the following list

[Botswana Fibre Optic Cables Market \(2025-2031\) | Analysis](#)

6Wresearch actively monitors the Botswana Fibre Optic Cables Market and publishes its comprehensive annual report, highlighting

ITU

The Infrastructure Connectivity Map (Broadband maps - BBmaps) webapp provides infrastructure visualization of ICT networks.

[Latest Botswana Optical Fibre Cables Tenders 2024](#)

Bid on readily available Botswana Optical Fibre Cables Tenders with GlobalTenders, the biggest and best online

Botswana

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,

[Best TV & Internet Providers in Botswana | Compare Plans](#)

[Best Internet Service Providers in Botswana \(2025\) | TopProviders Complete guide to internet services in Gaborone,](#)

Home

Fiber Optic Products & Support Southern Elements is your expert partner for everything fiber. We are a trusted supplier of hardware,

Botswana Fibre Networks | Gaborone

Botswana Fibre Networks, Gaborone. 58,469 likes · 170 talking about this · 40 were here. BOTSWANA

Paratus Botswana Completes New Gaborone Metro Fiber Ring

The three-year project involved the construction of a fiber-optic network that connects business and residential areas in

Power Link Budget Analysis to Run Optic Fiber Cables for Connection ...

This paper presents design considerations and field implementation of low-cost optical fiber system to a small village

Fibre2U Solutions : High Speed Internet Solutions

Fibre2U Internet Solutions: Delivering High Speed Internet Who We Are WE ARE AN INTERNET SERVICE PROVIDER Specializing

OPQ FTTx

OPQ FTTx offers more than just incredible speed. With fiber optic cables transmitting data at near-lightning speeds, they are the

What is Fibre To The Home FTTH - Ultimate Guide for Botswana

Triton Speed Test What is FTTH - Fibre to the Home Fibre to the Home (FTTH) is the way the internet was intended to work

Home

Pay your bills, buy airtime and data, manage your account from the comfort of your own home using the

Fiber Up with Paratus | Paratus Botswana

Up with Paratus Fiber Up with Paratus Paratus is a pan-African telecommunications provider operating one of the continent's most

Bentel Technologies

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

Home Internet

Breeze – 100Mbps: A fast and reliable package ideal for active households. Great for web browsing, social

List of Internet Service Providers | Botswana Communications

Choose the type of license you are applying for from the following list

Botswana Fibre Optic Cables Market (2025-2031) | Analysis

6Wresearch actively monitors the Botswana Fibre Optic Cables Market and publishes its comprehensive annual report, highlighting

Cable IT Botswana: Market Trends 2026

The Botswana IT market is undergoing a transition from traditional copper-based infrastructure to high-speed fiber

Botswana Fiber Optic Cable Market (2025-2031) | Size & Value

The Fiber Optic Cable market in Botswana is projected to grow at a high growth rate of 12.24% by 2027, highlighting the country's

CompuCare :: Network Cables & Tools

This Multimode Duplex Fiber Optic Patch Cable (50/125) - LC to ST is built with genuine Corning Glass,

Top 10+ Best Cabling and Fibre Optics Companies in Botswana

List of Top Verified Cabling and Fibre Optics Companies in Botswana, Near Me. Last updated Aug 2026.

High-Capacity Fiber Corridor Links Botswana Zimbabwe Zambia

The network establishes direct fiber-optic connections between Botswana, Zimbabwe, Zambia, and South Africa,

Botswana Kalahari Fiber

Discover how Paratus Botswana's 840-kilometer fiber route enhances connectivity, linking Botswana to the advanced Google

List of terrestrial fibre optic cable projects in Africa

Map of active and planned African undersea fibre optic cables, as of September 2025
This is a list of terrestrial fibre optic cable

Botswana Fiber Optics Cable Market (2025-2031) | Trends, Outlook

Historical Data and Forecast of Botswana Fiber Optics Cable Market Revenues & Volume By Single-Mode Fiber Cable for the Period

Home

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

Cable IT Botswana: Market Trends 2026

The Botswana IT market is undergoing a transition from traditional copper-based infrastructure to high-speed fiber

Botswana Fiber Optic Cable Market (2025-2031) | Size & Value

The Fiber Optic Cable market in Botswana is projected to grow at a high growth rate of 12.24% by 2027, highlighting the country's

CompuCare :: Network Cables & Tools

This Multimode Duplex Fiber Optic Patch Cable (50/125) - LC to ST is built with genuine Corning Glass,

Contact Us

Continue your research online:

Website: <https://alfa-pro.co.za>

Technical inquiry: <https://alfa-pro.co.za/contact.html>

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

