

# South African Telecom s primary backbone fiber optic network



## Overview

In brief: South Africa's largest fibre networks in 2025/2026 are Vumatel/Maziv (2.04 million homes passed), Openserve (1.47 million in 2024 — up 65% year-on-year. 45M), Herotel (rural), Metrofibre, Frogfoot. 47M subscriptions, 65% YoY growth, and what open access means for resellers. WIOCC's regional network comprises the national transmission backbones of its shareholders in ten African countries, and networks leased from partner operators in other countries. In a strategic partnership with Huawei, Broadband Infracore (BBI) has activated a powerful new national backbone. "No Internet, no modern life." This is the South Africa's telecommunications sector experienced growth in 2024, driven by a surge in fibre subscriptions, heightened engagement on social media platforms and significant advancements in network coverage.



## Article Content

May 05, 2026

List of terrestrial fibre optic cable projects in Africa

This is a list of terrestrial fibre optic cable projects in Africa. While submarine communications cables are used to connect countries and continents to the Internet, terrestrial fibre optic cables are used to extend this connectivity to landlocked countries or to urban centers within a country that has submarine cable access. In most of the world, a large number of such cables exist, often amounting to robust Internet backbones

Nov 23, 2025

Telecommunications in South Africa

Telecommunications infrastructure in South Africa is advanced and widespread, comprising a combination of mobile, satellite, and fiber optic internet. Services are

Apr 18, 2026

Network Maps: Africa

On this page I collect links to the network maps of bandwidth providers in and around the African continent. Both submarine cable systems and terrestrial fiber systems are included. Where only a

Oct 31, 2025

Fibre chapter7

Terrestrial transmission network is bringing additional countries, regions, cities and towns within reach of fibre networks for the Africa's total inventory of operational fibre optic first time. In the last ten years,

Jul 12, 2025

Broadband Infraco to upgrade South African nationwide fiber-optic ...

Broadband Infraco, a provider of telecommunication and wholesale services in South Africa, will upgrade its nationwide fiber-optic backbone network via the Coriant mTera Universal

May 02, 2026

South Africa: The next ICT hub

Chapter 4 of the NDP stipulates “Establishing a national, regional and municipal fiber-optic network to provide the backbone for broadband access;

May 17, 2026

## The Impact of Fiber Optic Networks on Africa's Digital

In South Africa, the Broadband Infraco SOC aims to deliver wholesale fiber connectivity to underserved areas. Similarly, Kenya's National Optic Fibre

Dec 01, 2025

## Internet Infrastructure in Africa

The advances in fibre-optic technology also give Africa a chance to leapfrog over the old hardware to design and build a modern and efficient fibre-optic terrestrial

Nov 11, 2025

## Broadband Infraco and Huawei Launch New National

South Africa has marked a significant milestone in its digital transformation with the launch of a next-generation intelligent fibre network. In a

Dec 28, 2025

## Africa's Optical Fiber, Bundles, and Cable Market Set to

West Africa: Nigeria and Ghana are leading investment in high-speed networks to meet rising demand for fintech, e-commerce, and streaming.

Oct 09, 2025

## South Africa's top fibre network operators revealed

Analytico's 2022 South African Fibre Report gives details about the country's top fibre network operators.

May 02, 2026

## Link Africa is South Africa's Largest Fibre Network

Link Africa is South Africa's largest independent Fibre Network Operator, which builds and operates Fibre Optic Networks using an innovative patented

Jun 22, 2026

## Home — DFA

DFA is the premier wholesale, open-access fibre-infrastructure and -connectivity provider in South Africa. We finance, build, install, manage, and maintain a world

Mar 28, 2026

## Africa Bandwidth Maps

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Nov 06, 2025

[Building an Intelligent All-Optical Backbone Network to Advance South ...](#)

South Africa's national broadband infrastructure company Broadband Infraco (BBI) has partnered with Huawei to build a national intelligent all-optical backbone network.

Aug 11, 2025

[Our network](#)

Our network A single network like no other. Since putting our first fibre in the ground in 2009, our high-speed cross-border network has grown to over 110,000km of fibre. It is the continent's largest

Sep 29, 2025

[Top 10 Fibre Companies in South Africa 2024-Ranking,](#)

Discover the top 10 fibre companies in South Africa Find the best fibre providers offering high-speed internet services.

Sep 26, 2025

[Where fibre goes, business and growth will follow.](#)

While Africa remains the least connected continent globally, significant strides are being made to expand fibre optic infrastructure across the region.

Oct 11, 2025

[Africa's Digital Backbone: The Fibre-Optic Projects](#)

Africa's rapid digital transformation is reshaping the continent's economic landscape, driven largely by ambitious fibre-optic projects, submarine

May 07, 2026

[Key strategies for crossing Africa's fibre frontier and opening ...](#)

Research in South Africa shows that there is a 2. 2% greater likelihood of a person being employed if they live within 500 metres of fibre networks and also finds correlations between rising ...

Oct 15, 2025

[The Evolving Landscape of Fiber Infrastructure in South](#)

BLOG The Evolving Landscape of Fiber Infrastructure in South Africa. Introduction: Fiber infrastructure has become the backbone of modern

Nov 14, 2025

Broadband for South Africa

Current broadband communications services in South Africa address approximately 12% of the population with rural areas largely unserved What is available is expensive and below world

Mar 02, 2026

South Africa's Fibre Gold Rush: Who's Leading the Race?

South Africa stands at the centre of a digital gold rush. Across the country, from affluent suburbs to townships on the edge of cities, fibre-optic cables are being laid at a frenetic pace.

Dec 26, 2025

Africa Telecom Transmission Map

This map shows the reach of WIOCC's regional fibre optic network, which reached 75,000-km during 2024. WIOCC's regional network comprises the national transmission backbones of its shareholders

Jan 09, 2026

South African NREN Backbone - SANReN

Description The South African NREN comprises of the following infrastructure: a core national dark fibre backbone with several managed bandwidth backbone links at

Dec 24, 2025

The Fibre Frontier: How South Africa's Internet

South Africa's fibre rollout still has a long way to go. But with ongoing investment and a growing understanding of its benefits, the outlook is positive. As

Apr 16, 2026

Africa's Digital Backbone Drives Broadband Performance

In recent years, Africa has made notable progress in developing a strong digital infrastructure to meet the continent's increasing demand for high

Jun 16, 2026

South Africa's telecoms growth boosted by fibre subscriptions ...

South Africa 's telecommunications sector experienced growth in 2024, driven by a surge in fibre subscriptions, heightened engagement on social media platforms and significant...

## Contact Us

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