

Africa Fiber Channel



Overview

It is one of the first submarine cables to use spatial division multiplexing (SDM1) and has a design capacity of 180 Tbps across 16 fiber pairs. 2Africa is the largest subsea cable in the world, at 45,000 kilometers long, connecting 46 cable landing stations across 33. 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. Press play or drag the slider bar to show operational fibre optic network in each year from 2009 - 2026. 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. The launch of 2Africa enables us to offer our customers seamless connection between Africa and Europe, together with our SEA-ME-WE 5 and AAE-1 subsea cable resources to further extend to Asia, which is an important milestone of our global development strategy," said Jessica Gu, Director & Chief. Our fiber optic network delivers unmatched speed, reliability, and coverage across Africa Experience lightning-fast speeds with our cutting-edge fiber optic infrastructure delivering up to 100Gbps capacity. Enterprise-grade security with 99.



Article Content

Hot

Home | 2Africa Cable

This major investment will complete our existing submarine and pan-African terrestrial infrastructures to provide access to international connectivity in a redundant fashion throughout the west coast of Africa.

Jan 17, 2026 Hot

Best 10 Fiber Optic Cable Manufacturers & Suppliers in

This post lists 10 leading 1fiber optic cable manufacturers and suppliers in South Africa. Take a look at their list and obtain detailed information

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Link Africa Fibre.

Link Africa is one of South Africa's fastest-growing providers of cost-effective, high-speed, open-access telecommunications infrastructure. With a strong fibre footprint in all metropolitan areas within South

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ANO Fibre

Comprehensive fiber optic network deployment including long-haul backbone networks, metropolitan area networks, and last-mile connectivity solutions across

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AfTerFibre – Many Possibilities

Here are complete instructions on how you can convert and add a map to AfTerFibre.

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Africa Bandwidth Maps

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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

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The Future of African Fiber Markets 2023: How a Data

The The Future of African Fiber Markets 2023: How a Data Traffic Boom, Hyperscale Subsea Cables and Cloud Services Are Transforming African

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The Future of African Fibre Markets

Xalam's reference report on African fiber markets, from the first mile to the last mile. Including international capacity demand and supply forecasts, wholesale fiber

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Undersea cables for Africa's internet retrace history and

These fibre optic cables are used as part of Africa's undersea network. Jess Auerbach, Author provided (no reuse) Basically all internet for

May 05, 2026 Hot

The Future of African Fiber

The Future of African Fiber report series explores all these questions and more. It is the outcome of a long, arduous and ambitious effort - an attempt to provide an in

Mar 19, 2026 Hot

Airtel Africa partners with Nokia to build mega terrestrial fibre ...

Airtel Africa's wholesale fiber arm, Airtel Africa Telesonic, has selected Nokia to deploy a transformative, high-capacity terrestrial fiber network spanning East and Central Africa. The major

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Africa's Fiber Optic Paradox: 77 Submarine Cables Yet Underconnected

Egypt and South Africa have become major hubs, hosting the most cable landing points because of their strategic spots on the continent's coastlines. The explosion of submarine cables has

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Africa Telecommunications Map 2022

The Africa-1 consortium is comprised several telecom carriers including Etisalat, Mobily, Pakistan Telecommunication Company, and Telecom Egypt. Once

Apr 08, 2026 Hot

Vuma Reach Fibre

Affordable, fast and reliable uncapped fibre with Vuma Reach Vuma Reach is an open access Fibre optic network connecting your home to fast, affordable internet. Vuma Reach currently covers

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Fibre Optic Networks Reshaping Africa's Digital Future

Africa is amid a digital awakening, and fibre optic technology is central to this shift. Once seen as an expensive extra, fibre has become the backbone of

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THE FUTURE OF AFRICAN FIBER

From the data center to the home, fiber networks provide the pipes that interconnect facilities, cities, countries, and the broader African continent to the global Internet – and to itself.

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Fiber Atlantic

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable

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The Impact of Fiber Optic Networks on Africa's Digital

Africa is undergoing a digital revolution, and at the heart of this transformation lies fiber optic technology. Once considered a luxury, fiber optic

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The Biggest Fibre Networks In South Africa In

The Biggest Fibre Networks in South Africa in 2025/2026: Maziv, Openserve, Herotel & More Complete guide to South Africa's biggest fibre

Sep 16, 2025 Hot

Fiber Networking recent news | Connecting Africa

Explore the latest news and expert commentary on Fiber Networking, brought to you by the editors of Connecting Africa

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Map Library

FTTH Map This legacy web map shows the metropolitan fibre and fibre-to-the-home (FTTH) deployments across Africa until April 2016. Transmission Map - Africa Telecom Transmission Map

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Fiber-optic leap bridges African digital divide

Though tech giants have invested heavily in high-performance digital infrastructure — more cell towers, faster networks — Africans across the

Nov 12, 2025 Hot

Africa Fiber - Factory Limited

Africa Fibre operates one of the most extensive fiber optic networks on the continent, connecting major business hubs and enabling digital transformation across diverse industries.

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African Fiber Optics: High-Speed Networks for Surging

Many African operators have focused too much on minimizing the upfront costs on fibre optic infrastructure by purchasing poor cable and using

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Africa Telecom Transmission Map

Africa's total inventory of terrestrial fibre optic transmission networks passed the milestone of 1 million route-kms during 2018. By June 2024 the amount of

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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

Sep 14, 2025

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