

West Africa Fiber Optic Cable Construction



Overview

This 17,200 Km long fiber optic cable was built by MTN along with a consortium of 16 leading international telecom carriers. 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. particular in West and Central Africa, as well as Eastern Africa. An extension of the cabling to West Africa set to empower 100 million people across eight African countries. With a focus. The Amilcar Cabral IT cable project aims to connect Cabo Verde, The Gambia, Guinea, Guinea-Bissau, Liberia, and Sierra Leone through a submarine cable network. The 12,000km Google Equiano Atlantic 3 (SAT3), Africa Coast to Europe (ACE) cable, containing 12 fibre pairs with 144Tbps and an Angola domestic festoon system, causing design capacity was declared live between South widespread network disruption throughout the Africa and Portugal. This 4 fiber pair system with total 18 leading international telecom carriers.



Article Content

Jan 21, 2026

Maroc Telecom invests €150 mln in subsea cable to connect African ...

The Moroccan telecommunications group Itissalat Al Maghrib (Maroc Telecom) has invested 150 million euros in the construction of a new fiber optic submarine cable. Called "West Africa", the infrastructure

Dec 15, 2025

West Africa Boosts Internet with Submarine Cable Project

Six West African countries plan a fiber optic cable to improve internet access and reliability.

Nov 12, 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

Jun 11, 2026

Fiber-optic leap bridges African digital divide

Anchored in Kenya, the fiber-optic cable will run through Uganda, Rwanda, the Democratic Republic of Congo (DRC), Zambia, Zimbabwe and

Oct 12, 2025

chapter Fibre

Once the fibre network which is currently under construction enters service, the fibre reach of sub-Saharan Africa will increase to 62.0% (726 million), and once the network which is planned or

Mar 14, 2026

West Africa Cable System

Cable laying ship Île de Bréhat connecting West African Cable System fibre at Yzerfontein in South Africa, 24 April 2011, returning 28 April for inspection The West Africa Cable System (WACS) is a

Mar 07, 2026

Fibre Optic Cable Project

FibreCo embarked on an ambitious project to install approximately 1 000 km of fibre optic infrastructure between Gauteng and the Western Cape within 12 months. To meet the timelines, it was imperative

Mar 14, 2026

The Backbone of Africa's Internet: Subsea Fiber Optic Cables ASEF ...

Submarine Cable Cuts - Recently May & Aug, 2023 an undersea landslide cut 3 major cables and disrupted internet across West Africa impacting SA and other countries.

Jun 16, 2026

Fiber Optic Cables To Extend to 3 More East African Nations

Attempting to connect all of East Africa together, Seacom has successfully completed fiber construction in Uganda, Djibouti, Rwanda, Tanzania, Ethiopia, and Kenya, which is the headquarters

Jun 27, 2025

“West Africa” cable a giant Moroccan project to develop “optical fiber ...

This was achieved through a large submarine cable project from Morocco, called the “West Africa” cable. It connects Africa to the international optical loop to meet the continent's growing

Aug 04, 2025

Fiber optics: despite its connection to 77 submarine

The rise of fiber optics in Africa promises gains in productivity, education, and digital inclusion. Yet the continent faces a paradox: abundant

Sep 03, 2025

Coleman opens billion fibre optic cable factory, targets

West African oil and gas service company, Coleman Technical Industries Limited (CTIL) has opened its multi-billion-dollar fibre optic cable manufacturing factory,

Nov 11, 2025

WEST AFRICA CABLE SYSTEM (WACS)

This 17,200 Km long fiber optic cable was built by MTN along with a consortium of 16 leading international telecom carriers. 15 cable landing stations along the route provide these carriers access

Jun 23, 2026

Nigeria Inaugurates First Fibre Optic Cable Factory in West Africa

We are the first state to manufacture fibre optic cable in Nigeria. Let me say that what we are witnessing today is another example of numerous developments happening in different parts of

Dec 30, 2025

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

Jun 14, 2026

Nigeria: West Africa's first fiber optic factory opens in Ogun State

The company aims to become the largest fiber optic cable factory in Africa by September 2023. To this end, it plans to build capacity in the country, West Africa, Central Africa and about 50% of the continent.

Nov 09, 2025

West Africa Cable System

WACS (West Africa Cable System) submarine cable is an ultra high capacity fiber optic submarine cable system which links South of Africa and Europe, spanning

Sep 25, 2025

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Subsea in early August when an incident - reported to As predicted in last year's chapter introduction, be a rockfall off the Congo coast - damaged 2023 has very much been the year of the African the West

Sep 26, 2025

Maroc Telecom invests 150 million euros in West African subsea fibre ...

Itissalat Al Maghrib (Maroc Telecom) has invested 150 million euros in the construction of a new submarine fibre optic cable. The West Africa cable infrastructure connects the company's

Oct 14, 2025

West Africa Cable System (WACS) – Submarine Cable System

Ultra-high capacity fibre optic cable system linking Europe, West Africa, and South Africa

Mar 06, 2026

First West African Fibre-Optic Cable Factory Begins

Wire and cable manufacturer, Coleman Technical Industries Limited (CTIL) has opened the first West African localized fiber optic cable factory in

Mar 22, 2026

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

May 04, 2026

“West Africa” cable a giant Moroccan project to develop “optical fiber ...

The southern part of the “West Africa” submarine fiber optic cable, affiliated with the Marocain Télécom Group, has been in service since July 2021 and connects Morocco to Ivory Coast,

Jul 01, 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 14, 2026

Fiber optic cables finally bring reliable Internet to Liberia,

In Liberia, the Internet exists, but barely. But thanks to fiber optic cables being strung from France to South Africa by French Telecom, there's hope

Aug 08, 2025

€100 The EurAfrica Gateway Cable, connecting the EU with milli

Regional Fibre Optic Backbones The Global Gateway Africa-Europe Investment Package will scale up regional connectivity and enable the deployment of digital services, digital businesses and innovation

Jan 02, 2026

From Fiber to 5G: Mapping Africa's Journey Toward

Across Africa, the pursuit of high-speed internet has become a continental mission, one marked by bold investments, strategic partnerships, and

Jul 03, 2025

Inside Africa's Internet Fiber Optic Cable Success Story

Thomas Östros, Vice-President of the European Investment Bank said: “The European Investment Bank is committed to accelerating digitalization

Feb 01, 2026

Building Africa's Cable Powerhouse: Coleman's Decade

In 2022, Coleman achieved another historic feat with the commissioning of West Africa's first fibre optic cable plant, earning ISO

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