

African Fiber Optic Communication Plant



AI Overview

Africa's largest fiber optic cable plant is Coleman Technical Industries' facility in Sagamu, Nigeria, capable of producing up to 9 million kilometres of fiber annually. Coleman Technical Industries Fiber Plant Coleman Technical Industries Limited (CTIL), led by chairman Asiwaju Solomon Onafowokan, launched the largest fiber optic cable manufacturing plant in Africa in Sagamu, Ogun State, Nigeria. The facility spans over 350,000 square metres and includes a smelting section capable of processing 3,000 tons of aluminum and 10,000 tons of copper per month. The plant is designed to produce up to 9 million kilometres of fiber optic cable annually, supporting Nigeria's goal of building a self-reliant digital infrastructure network and reducing dependence on imported cables. It also positions the company for exports across West Africa, with projected combined domestic and export revenue of approximately US\$10 billion. The plant's commissioning was attended by senior government officials, including representation from President Bola Tinubu, highlighting its strategic importance for Nigeria's digital economy and industrial diversification. The facility is expected to create over 20,000 direct jobs and 200,000 indirect jobs, while also supporting the government's plan to deploy 90,000 kilometres of fiber optic cables nationwide.

Role of Fiber Optic Networks in Africa

Fiber optic infrastructure is critical for improving internet speed, reliability, and affordability across Africa. While submarine cables connect countries to the global internet, terrestrial fiber networks extend connectivity to landlocked regions and urban centers. Major projects, such as SEACOM, EASSy, and 2Africa, provide the backbone for national broadband networks in countries like Kenya, Nigeria, South Africa, Egypt, and Ethiopia. Fiber deployment enables Fiber-to-the-Home (FTTH) services, supporting streaming, remote work, e-commerce, and digital services. High-capacity fiber networks also drive economic growth. According to the World Bank, a 10% incr...

Article Content

Nigeria unveils Africa's largest fibre optics factory with local ...

Nigeria's digital infrastructure took a significant step forward with the commissioning of Africa's largest fibre optic cable factory and the continent's first fibre-reinforced plastic (FRP)...

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.

Africa50 and Bayobab in partnership to develop pan-African terrestrial ...

Boost consumption of local content throughout the region and promote regional economic development. Casablanca, Johannesburg, 15 May 2023 - Bayobab and Africa50 on

Coleman opens Africa's largest fibre plant

President Bola Ahmed Tinubu has commissioned Africa's largest fiber optic cable manufacturing plant and the continent's first fiber-reinforced plastic

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

Dapo Abiodun, Governor of Ogun State in Nigeria, inaugurated the first fiber optic cable manufacturing plant in West Africa on Thursday, July 14. Called the Coleman Wire and Cable Fiber Optic Company,

MTN to connect 10 African countries with new \$320 million fibre optic ...

MTN Group riding on a \$320 million investment project, plans to create fiber optic cable network to connect 10 countries approximately.

Internet Infrastructure in Africa

And over the past decade, with advances in fiber-optic communication greatly increasing the data transmission capacity of these cables, telecommunications

Solomon Onafowokan's Coleman opens Africa's largest

The new facility, the largest of its kind in Africa, is designed to produce up to 9 million kilometres of fibre-optic cable annually, supporting Nigeria's goal

President Tinubu Inaugurates Africa's Largest Fiber Optic Plant

The new factory, built by Coleman Technical Industries to mark its 50th anniversary, is the continent's largest fiber optic manufacturing facility and Africa's first Fiber-Reinforced Plastic (FRP)

Top 10 Fiber Optic Manufacturers Serving Africa in 2025

Choosing the Right Partner for Africa's Fiber Journey These top 10 manufacturers are reshaping Africa's connectivity landscape, from YOA's local prowess to ZORA's global scalability. As

First West African Fibre-Optic Cable Factory Begins

The multi-billion factory is the 5th facility on the African continent and is expected to function in collaboration with the world's largest fiber optic

List of terrestrial fibre optic cable projects in Africa

Terrestrial fibre optic cable projects in Africa involve the deployment of optical fiber cables laid across land routes to establish high-capacity backbone networks for data transmission, telecommunications,

Coleman Launches Sagamu V Factory Fibre Optic Facility

With this expansion, Coleman continues to redefine Africa's manufacturing landscape, strengthening local capacity, reducing import

Inside Africa's Internet Fiber Optic Cable Success Story

Our continued partnership with the EIB will see our company continue to deploy its fiber optic expansion plans to build over 20,000 kilometers across Eastern, Central, and Southern Africa

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

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

Fiber-Optic Cables Connect Africa to the Digital Economy

By Devon Maylie, IFC Communications What's the most efficient way to connect 40,000 university students to the largest source of information in the world? A reliable fiber optic network.

Nigeria unveils largest fibre optic cable factory, first

Nigeria's digital infrastructure received a major boost on Tuesday November 11, with the unveiling of Africa's largest fibre optic cable factory and

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

Across Africa, the pursuit of high-speed internet has become a continental mission, one marked by bold investments, strategic partnerships, and a drive to connect the unconnected. From

The Impact of Fiber Optic Networks on Africa's Digital

From boosting internet speeds and expanding connectivity to enabling economic growth and digital inclusion, the impact of fiber optic networks

Fibre-optic leap bridges African digital divide

Morocco boasts 90% usage, South Africa stands at 75%, and the Central African Republic has only 11% of the population online because of infrastructure challenges and costs.

Corning | Materials Science Technology and Innovation

Corning Incorporated is a global-leading innovator in materials science, with 170 years of life-changing inventions and category-defining products.

The Int'l Man's Hot Links Archive 2026: Jan 1

Israel's military & tech industry race to counter Hezbollah's latest threat - " Fiber-optic, first-person view (FPV) drones have become a key weapon

Government Welcomes R160 Million Investment in Optical Fibre Cable ...

The South African Government has welcomed a major investment in the country's digital infrastructure, with the announcement of a R160 million expansion of the Yangtze Optics Africa Cable

Fiber Optics In Africa: Bridging The Digital Divide | NewsGhana

The rapid expansion of fiber optic networks across Africa is transforming the continent's digital landscape. With increasing investments in terrestrial and submarine cables, African countries ...

The Rise of Fiber Optic Networks in Africa: Bridging the

Africa, a continent once plagued by slow and unreliable internet connectivity, is undergoing a transformative revolution in its telecommunications

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 modern communications, offering far

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.mr-security.co.za>

Email: info@mr-security.co.za

Phone: +33 1 45 23 67 81

Address: 10 Rue de la Paix, 75002 Paris, France

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