

China-Africa Fiber Optic Communication Plant



Article Overview

The YOA Cable plant, a joint venture between Chinese-owned Yangtze Optical Fibre and Cable (YOFC) and South Africa's Mustek, is Africa's largest optical fiber manufacturing facility, significantly boosting high-speed connectivity across the continent.

Overview of the Plant

The YOA Cable facility is located at the Dube TradePort special economic zone north of Durban, South Africa. It spans 14,000 m² and represents a R160 million investment, making it the largest optical fiber manufacturing plant in Africa . The plant produces over three million fiber kilometers annually, addressing the growing demand for high-speed internet driven by digital transformation in sectors such as education, healthcare, e-commerce, and government services .

Ownership and Strategic Goals

YOACable is a joint venture between Yangtze Optical Fibre and Cable Joint Stock Limited Company (YOFC), a Chinese company, and Mustek Limited, a South African technology firm . The plant aims to increase local production capacity, reduce reliance on imports, and support the expansion of fiber optic networks across Southern Africa and neighboring countries .

Technological and Economic Impact...

Article Content

2Africa International Submarine Cable Project: Building an Information ...

Some segments of the 2Africa system deploy up to 16 pairs of optical fibers, with a main trunk design capacity of up

2Africa International Submarine Cable Project: Building an Information ...

The 2Africa project was initiated in response to the rapid global digitalization trend. Its goal is to enhance Internet

Kenya & China Launch Major 2Africa Cable Link - CHINA AFRICA

Nairobi- Kenya and China have made a breakthrough in digital infrastructure cooperation, as they officially activated

A new rivalry between the U.S. and China over the world's ...

Thousands of miles of fiber optic cable lying at the bottom of the world's oceans carry more than 95% of the world's

(Hello Africa) Hard connectivity, soft kills fuel Africa's ...

In recent years, China and Africa have tapped their complementary strengths to achieve tangible results. Roads,

China Mobile Activates 2Africa East Cable

The 2Africa project, one of the world's largest subsea fibre-optic cable systems, connects 33 countries across Africa,

Top 16 Best Fiber Optic Cables Suppliers in China

China is a global leader in fiber optic cable manufacturing, offering advanced and reliable products worldwide. Here is

2Africa International Submarine Cable Project: Building an Information ...

As a key partner, China Mobile has invested in one pair of optical fibres in the Ring African backbone, covering 28

Chinese Telecommunications Companies in Africa

To bridge the telecom gap between people in rural and urban areas, and between landlocked and coastal countries, African

Forum on China-Africa Cooperation Beijing Action Plan (2025-2027)

The two sides welcome the success of the China-Africa Leaders' Dialogue held in South Africa and the launch of the

China's growing space and communications presence in Africa

China's space activities in Africa are closely tied to its Belt and Road Initiative (BRI), with a focus on creating a Space Information

China's Hengtong to manufacture fiber-optic cables in Egypt

Chinese power and fiber optic cable manufacturer Hengtong will set up a plant in Egypt to produce fiber cable as

An examination of the 2035 Vision for China-Africa Cooperation

The 2035 Vision for China-Africa Cooperation particularly stands out as the first mid-to long-term cooperation plan

Fibrafrica | Fiber Optic Solutions for African Telecom — Factory Direct ...

Factory-direct fiber optic infrastructure for African telecom operators, ISPs, towercos and data centers. From our manufacturing plant

China-Africa investment cooperation promotes Africa's industrialization

It noted that Chinese investment in infrastructure strengthens Africa's foundations for industrialization and

The price of Africa's digital dependence on China

The global market for information and communication technology (ICT) infrastructure is controlled by a handful of

PlanofActionsonJointlyBuildingaChina ...

We will step up cooperation in joint interview and exchange of products, speak for the China-Africa friendship story

China pledges \$50B and 1M jobs in renewed outreach to Africa

BEIJING — Chinese leader Xi Jinping on Thursday pledged \$50 billion in loans, aid and investment for Africa over the

China's Role in African Infrastructure Development through FOCAC

Chinese firms have played a crucial role in building and upgrading Africa's digital infrastructure, laying fibre optic cables,

9. China's Telecommunications Footprint in Africa

China's Telecommunications Footprint in Africa China's increased involvement in the African telecommunications industry is part of

The 10 Chinese Companies Building the Africa's Connectivity

From core network infrastructure and cloud computing to smartphones and e-commerce, Chinese companies are

The Digital Silk Road: China's Technological Engagement in Africa

Africa's drastic exigency for digital infrastructure is irrefutable, and while the West remains skeptical of the frequency

Understanding Fiber Networks in China: Growth, Technology, and

Fiber networks in China represent a cornerstone of the nation's technological advancement and digital infrastructure.

Chinese firm inks deal to boost supply of internet products in East Africa

NAIROBI, Nov. 29 (Xinhua) -- FiberHome International Technologies, a Chinese telecom firm, has signed an agreement with Kenyan

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

Home | 2Africa Cable

This major investment will complete our existing submarine and pan-African terrestrial infrastructures to provide access to

Chinese Telecommunications Companies in Africa

Africa and the interests of African countries. It argues that while Chinese investment interests meet Africa's need for the development

Investing in connectivity and growth for Africa | Google Cloud Blog

Google is investing in the new Umoja fiber optic route between Africa and Australia, as well as training and

China's ICT Engagement in Africa: A Comparative Analysis

This piece was published in the Winter Issue Print Edition (Volume 11) Abstract This paper will analyze the methods,

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