

Fiber Optic Cable for Smart Buildings in the China-Africa Tunnel



Overview

According to the Tech Review Africa and Chinese Xinhua News, China Mobile officially activated 2Africa East Segment Submarine Cable on November 7, 2025, with an aim to power digital transformation across the African continent. The 2Africa submarine cable system, which spans 33 countries across. 2Africa is an international submarine telecommunications cable that interconnects Africa and further connects Asia and Europe. It passes from Europe through the Atlantic Ocean and Indian Ocean, and then back into Europe via the Red Sea and the Mediterranean Sea. The launch ceremony, themed. 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. China Mobile International (CMI), along with seven global partners including Bayobab, center3, Meta, Orange, Telecom Egypt, Vodafone Group and WIOCC, has jointly completed the core 2Africa Submarine Cable Infrastructure (2Africa). Circling the African continent and connecting intercontinental nodes. The initiative aligns with Kenya's Digital Superhighway and Creative Pillar agenda, which aims to deploy 100,000 kilometers of national fibre optic cable, establish 25,000 public Wi-Fi hotspots, build ICT hubs in every ward, and expand access to online government services.

Article Content

Home | 2Africa Cable

Through our participation in the groundbreaking 2Africa subsea cable project, we are expanding the continent's capacity for reliable, high-speed connectivity.

Indoor Optical Cable Market Report: Size, Growth,

These cables support various applications such as local area networks (LAN), fiber-to-the-home (FTTH), fiber-to-the-building (FTTB), and in-building backbone

Exclusive: China plans \$500 million subsea internet

SINGAPORE, April 6 (Reuters) - Chinese state-owned telecom firms are developing a \$500 million undersea fiber-optic internet cable network that would link Asia,

Ribbon Fiber Optic Cable Market Trends and Insights

Futong: Another prominent Chinese optical fiber and cable company, known for its scale and contributions to broadband network deployments across Asia. Sterlite Tech: An Indian

2Africa Submarine Cable's core infrastructure

As the first cable to continuously link Africa's east and west within a single system, 2Africa adopts an open-access model. Spanning over 45,000

Drawer Type Fiber Optic Patch Panel 2U 19 Inch 24 48 96 Core ODF ...

Established in 2009 with registered capital of 8 million yuan, our company is a technology enterprise specializing in one-stop solutions. Our core offerings include sales of optical fiber cables and related

China Top 10 Fiber Optic Cable Manufacturers in 2025

This guide ranks China's top 10 fiber optic cable manufacturers for 2025, based on market share, production capacity, innovation, and global reach. The list prioritizes companies with

Optical Fiber and Plastic Conduit Market Report 2025: A \$38.39 Billion ...

The optical fiber and plastic conduit market is set to grow from \$23.38 billion in 2024 to \$38.39 billion in 2029, driven by demand for high-speed internet, 5G, and smart city technologies.

Subsea Fiber Optic Cable Market Growth Drivers And Key ...

Poland's subsea fiber optic cable market is witnessing steady growth, fueled by the country's strategic position as a digital gateway between Western Europe and Eastern markets.

China Mobile Activates 2Africa East Segment

The 2Africa submarine cable system, which spans 33 countries across Africa, Europe and Asia, is designed to deliver up to 180 Tbps capacity and is expected to accelerate cross-border

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Wire and Cable Market Size Report & Industry Trends,

Wire And Cable Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Wire and Cable Market Report is Segmented by

Fiber Drop Cable Market Growth Drivers And Key Trends In ...

The Fiber Drop Cable Market is experiencing significant expansion driven by the increasing demand for high-speed internet connectivity, the proliferation of smart devices, and the ongoing

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

The project aims to deliver high-speed and stable Internet connections to 33 countries by deploying advanced submarine optical cable technology. As a key partner, China Mobile has

China Mobile Activates 2Africa East Submarine Cable

The 2Africa project, one of the world's largest subsea fibre-optic cable systems, connects 33 countries across Africa, Europe, and Asia, with a design

ODVA Fiber Optic Connectors (DLC, SC, MPO) – Rugged Waterproof

ODVA fiber optic connectors, cable assemblies & adapters – IP67 waterproof for FTTH and harsh environments. Discover key features, specs, installation tips & FAQs.

DVI Fiber Optic Transmitter Market: \$11.7B, 4.1% CAGR

The DVI Fiber Optic Transmitter market shows robust growth. Valued at \$11.7 billion (2025) with a 4.1% CAGR, driven by high-res video demands and data communication expansion.

The 10 Chinese Companies Building the Africa's

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

Kenya Activates China Mobile's 2Africa Subsea Cable

NAIROBI, Kenya — Kenya has officially activated the China Mobile 2Africa East Segment Submarine Cable, a high-capacity fibre-optic system

Global Fiber Optic Quartz Glass Rod Market 2026

Fiber Optic Quartz Glass Rod Global Fiber Optic Quartz Glass Rod market was valued at USD 425.2 million in 2024 and is projected to reach USD 625.4 million by 2030, at a CAGR of 6.6%.

Fiber Optic Cable Market Size

The Fiber Optic Cable Market worth USD 14.22 billion in 2026 is growing at a CAGR of 9.84% to reach USD 22.74 billion by 2031. Corning Inc.,

Eastern segment of China-funded submarine cable in Africa activated

Li Huidi, vice president of China Mobile Communication Group, said the 2Africa submarine cable is a continuation of the enduring legacy of the ancient Silk Road, opening new frontiers in

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