

South Sudan fiber optic communication



Article Overview

South Sudan is set to construct a 2,400-kilometer national fiber optic network connecting to the Indian Ocean via Kenya, aiming to modernize digital infrastructure and improve connectivity nationwide.

Project Overview

South Sudan plans to begin the construction and installation of its national fiber optic cable in December 2025, covering approximately 2,400 kilometers from the Indian Ocean through Kenya into South Sudan . This initiative is part of the country's broader Vision 2040 strategy, which seeks to position South Sudan as a digitally connected and competitive nation in East Africa . The project is expected to reduce internet costs, enhance connectivity, and provide faster, more reliable communication for education, healthcare, trade, and public services .

Technical and Digital Implications

The fiber optic network will connect South Sudan to the international fiber network, reducing reliance on expensive satellite connections and outdated mobile networks . This will enable high-speed internet access, support e-governance, and foster innovation across urban and rural areas. The project also emphasizes robust policy frameworks, regional cooperation, and private sector investment to ensure sustainable digital growth .

Power and Energy Considerations...



Article Content

South Sudan, World Bank to launch fiber optic project in early 2026

The fiber optic project, the government said, marks a significant step forward in the country's efforts to modernize its

South Sudan Approves \$9 Billion Fiber Network to Accelerate Digital ...

South Sudan approved more than \$9 billion to build a national fiber-optic backbone. Authorities created a supervisory committee to

CONSTRUCTIONS OF COUNTRY'S FIBER OPTIC CABLE BEGINS

Oct 08, 2025 (LUSAKA) – South Sudan is set to begin constructions and laying down its 2400 kilometers of Fiber Optics cable

Kenya and South Sudan Sign Deal for New Fiber Optic Interconnection

Before the recent deal, Kenya and South Sudan already shared a fiber-optic cable. Indeed, in October 2020, 630 km of fiber-optic

Liquid Telecom completes optical fiber deployment in South Sudan

The optical fiber network will be extended to other cities in coming phases to bring high-speed Internet access to the country's 13

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

PPIAF | Support to Improve Connectivity in South Sudan

This includes demand-side measures such as eApplications and Mobile Money Undertaking a feasibility study to implement an open

South Sudan World Bank Fiber Optic Project Launch 2026

The fiber optic project, the government said, marks a significant step forward in the country's efforts to modernize its

Fiber Optic Coverage and Internet Usage Statistics in South Sudan

An overview of fiber optic infrastructure and internet usage in South Sudan for 2026, highlighting connectivity progress and digital

Information ministry approves \$9 million for fibre optic project design

"This project is a cornerstone for modernising South Sudan's communication systems," Mach said, emphasising its potential to

Contact Us

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

Website: <https://gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

