Fiber Optic Cable Specialty in Democratic Republic of Congo

Overview

DRC Plans 2,100 km Fiber-Optic Corridor Along the Congo RiverThe proposed project covers about 2,100 kilometers of infrastructure, including 1,700 kilomete.

Key Takeaways

The DRC is rapidly expanding its fiber optic network through national and regional projects, connecting major cities and integrating with neighboring countries.

Key National Projects

The DR

C has launched a €66. 55 million fiber optic project funded by the African Development Bank (AfDB) and the Congolese government. This initiative includes 600 kilometers of fiber optic cable linking the DRC with Cameroon and the Central African Republic, alongside a state-of-the-art National Data Centre in Brazzaville.

The project aims to enhance digital sovereignty, allowing local data management without relying on servers in Europe or the U. S., and is expected to boost internet penetration from 17. 4% toward continental averages (43%) and global levels (68.

6%) by providing infrastructure for telecoms, banks, and insurance companies (Nairametrics, 2024).

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Regional and Eastern Expansion

In the eastern regions, Bandwidth and Cloud Services Group (BCS), supported by the European Investment Bank (EIB), is deploying a fiber-optic backbone to provide high-speed broadband to over 2. 5 million people. This network will connect homes, schools, and hospitals, improving access to digital services and supporting economic and educational development.

The project is part of the EU's Global Gateway strategy, with BCS planning to build 12,000 kilometers of fiber in the DRC as part of a broader 20,000 km regional network (EIB, 2023).

Private Sector and Strategic Backbones

Facebook, in partnership with the DRC government, has commissioned a 5,745 km fiber optic backbone to connect major cities and support high-capacity, high-speed connections. This backbone is designed to meet engineering standards for durability and network quality, including proper burial depth and geotechnical assessments, ensuring long-term reliability (Sofrecom).

Operational Fiber Links

The Fast Congo fiber network, operated by Paratus Group, has activated a 620-kilometer link between Muanda and Kinshasa, connecting the DRC to Angola, Zambia, and the broader southern African network. This network is integrated with Paratus' pan-African infrastructure, including data centers and satellite connectivity, providing high-speed, high-capacity services across the region (Paratus Africa, 2023).

Regional Integration

The DR

C is also part of a 10,000 km regional fiber-optic backbone spanning five countries—DRC, Zambia, Zimbabwe, Malawi, and Mozambique—aimed at connecting schools, hospitals, and government institutions, significantly improving connectivity in previously underserved areas (EU Global Gateway).

Summary

The DRC's fiber optic initiatives combine national, regional, and private sector efforts to expand high-speed connectivity, improve digital services, and integrate the country into Central and Southern Africa's digital infrastructure. These projects are strategically important for economic development, education, healthcare, and regional digital integration.

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Article Content

DRC Plans 2,100 km Fiber-Optic Corridor Along the Congo River

The proposed project covers about 2,100 kilometers of infrastructure, including 1,700 kilometers of fiber-optic cable along the Congo River from Muanda to Kisangani and nearly 400

DRC plans $1.5B fiber-optic project along Congo River

The project covers about 2,100km of infrastructure, including 1,700km of fiber-optic cable along the Congo River from Muanda to Kisangani and nearly 400km of terrestrial connections.

Construction of fibre-optic cables in the Democratic Republic of Congo ...

The 5 countries covered by the project are located in Central and Southern Africa and includes: the Democratic Republic of Congo, Zambia, Zimbabwe, Malawi and Mozambique.

SOCOF and APCSC to deploy fibre along new roads in the DRC

In 2022, Paratus Group''s DRC subsidiary Fast Congo was awarded a tender by SOCOF to deploy, operate and maintain a 620-km fibre optic link between Muanda on the west coast and the

DRC: SOCOF SA Signs Deal to Expand Fiber Optic Infrastructure ...

The SOCOF SA, Congolese Fiber Optic Company, has signed a partnership agreement with the Agency for Coordination and Monitoring of Collaboration Agreements (APCSC) to deploy fiber optics along

Benya DRC

As part of Benya Group efforts to lead digital transformation across Africa, Benya Group will deploy a fiber optic network in the Democratic Republic of Congo (DRC). This project will form the foundation

Comprehensive Connectivity Services | Fast Congo Paratus DRC

Our extensive fiber links span from Muanda to N''djili, seamlessly connecting Boma, Matadi, Kimpese, Kisantu, and Kinshasa. This service caters specifically to operators and Internet Service Providers

EMS | Espoir Multi Services

Having therefore expertise in telecom, EMS is very advanced in fiber optics and mobile networks. Our motto is: "To contribute our stone in the construction of basic telecom infrastructure in DR Congo."

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Congolese Fiber Optic Company (Societe Congolaise de Fibre

Learn more about Congolese Fiber Optic Company (Societe Congolaise de Fibre Optique) (SOCOF)''s jobs, projects, latest news, contact information and geographical presence.

DRC announces fibre expansion project with Genew Technologies

The Ministry of Posts, Telecommunications and Digital Affairs in the Democratic Republic of the Congo (DRC) has signed a memorandum of understanding (MoU) with Genew Technologies for

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Broadband Fiber Optic Splice Closures

Broadband Fiber Optic Splice Closures The Panduit fiber optic splice closure (PANFSC) shall be a butttype closure that provides environmental protection of fiber optic splices in the outside plant

Fiber Optic Cable Tenders | Government & Public Tenders

Explore the latest Fiber Optic Cable Tenders on Tender Impulse. Access verified public tenders, business tenders, and government tender opportunities from across the globe.

DRC is Building a $1.5 Billion Fibre Network Along the Congo River

The Democratic Republic of Congo has signed a memorandum of understanding with China''s Genew Technologies to build a $1.5 billion fiber-optic network along the Congo River, in one

Global Legal Chronicle

Kirkland & Ellis has advised Vertex Pharmaceuticals Incorporated. Paul, Weiss, Rifkind, Wharton & Garrison LLP and Morrison Foerster LLP have advised Crinetics Pharmaceuticals, Inc. Vertex

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Specialties: Network planning and implementation. · Experience: CSTelecomex · Education: Cisco Networking Academy · Location: Democratic Republic of the

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