

Mobile Fiber Optic Cable in Congo



AI Overview

Congo is actively expanding its mobile fiber optic infrastructure through national and regional projects, enhancing connectivity and digital inclusion.

Republic of Congo (Congo-Brazzaville)
The Republic of Congo has been developing its fiber optic network as part of the Central African Backbone (CAB) project, aimed at improving digital access and interregional connectivity. The CAB project connects Congo with neighboring countries like Gabon and Cameroon, with key milestones including the inauguration of the CAB 3 (Congo) and CAB 4 (Gabon) fiber optic links in 2018, and the completion of Congo-Cameroon fiber works in 2021. An underwater fiber optic cable linking Silicone Connect (Brazzaville) and United (Kinshasa) arrived in Brazzaville in 2022, enabling international connectivity and strategic partnerships. Silicone Connect also manages the CAB network on the Congo-Cameroon axis, opening opportunities for broader digital integration. In urban areas like Pointe-Noire, mobile operators such as Airtel and Congo Telecom are deploying over 100 km of fiber optic cables to optimize network performance. Projects include the installation of over 1,700 poles and 18 distribution points, expanding both residential and commercial connectivity. These initiatives support 3G, 4G, and 5G mobile networks, improving mobile broadband speeds and reliability.

Democratic Republic of Congo (DRC)
In the DRC, the government is actively expanding fiber optic infrastructure nationwide. SOCOF SA, the Congolese Fiber Optic Company, has partnered with the Agency for Coordination and Monitoring of Collaboration Agreements (APCSC) to deploy fiber along major roads. A notable project is the 620 km fiber optic cable connecting Kinshasa and Muanda, inaugurated in March 2023, which strengthens national ICT infrastructure and supports mobile internet growth. The DRC had 28.9 million mobile internet subscribers and 56.1 million mobile phone subscribers as of Q3 2023, reflecting a penetration rate of 30.4% for mobile internet. Additionally, th...

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What is Fiber Internet? | T-Mobile

Discover what fiber internet is, pros and cons, how it works, how fast fiber internet is, whether fiber internet is better than other options, and more.

DRC Explores River Corridor Project to Expand National Fiber Optic ...

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

Fiber-to-the-room: fibre optics to every single room

The Chinese company Huawei has developed a fiber optic installation system for private households: Fiber-to-the-Room (FTTR). A special glue gun is

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Cable cuts, storms, and DNS: a look at Internet

The last quarter of 2025 brought several notable disruptions to Internet connectivity. Cloudflare Radar data reveals the impact of cable cuts,

5 Trends Driving Fibre Optic Deployment in 2026 - Wray Castle

2026 Fibre Deployment Trends Shaping the Market Fibre optic deployment in 2026 is being driven first by a major policy and funding wave that is finally turning plans into active construction.

Massive Verizon outage that left hundreds without data

Millions of Verizon users faced temporary disruption after a fiber optic cable cut left customers without service across multiple U.S. cities.

RDC : 1,5 milliard USD dans un projet historique de connectivité par ...

Cet investissement d'envergure promet d'accélérer la transformation numérique de la République démocratique du Congo. Le ministère des Postes, des Télécommunications et des

DRC Digital Transformation: A \$1.5 Billion Economic Opportunity by

The Democratic Republic of the Congo (DRC) is preparing to launch a formal procurement process to award a contract for the deployment of an 11,500 km fiber optic network.

Congo Fiber Optic: \$1.5bn Line Planned Along the River

The Congo fiber optic project signed on June 25 would run 1,700 kilometres of cable along the Congo River from Muanda to Kisangani — a 1.5-billion-dollar bet, with China's Genew

DR Congo €8B Digital Plan: What It Includes (Telecom,

The PNN2 initiative is set to position DR Congo as a regional tech powerhouse by rolling out fiber-optic networks, telecom towers, and broadband

MTN Ghana Blames Undersea Cable Cuts for Internet Disruptions

MTN Ghana has attributed ongoing internet and connectivity disruptions affecting customers across the country to damage to undersea fibre-optic cables off the coast of Abidjan, Côte

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

All Things Fiber Optic Internet Cables

Discover the different types of fiber optic cables and the benefits of fiber optic internet. Compare fiber connections with other types of home internet.

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.

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.

How Ukraine is Adapting to the Threat of Fiber-Optic

Fiber-optic drones are a major challenge for Ukrainian forces. Discover how the military is countering this threat, from nets to mobile shooter

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The Role of Fiber Optics in 8K Streaming Technology

Explore how fiber optic technology and fiber internet support 8K streaming by delivering high bandwidth, low latency, and signal stability -

Want a Fiber Internet Connection? Read This First

Additionally, fiber-optic cables are less susceptible to interference than coaxial cables or fixed wireless technology. That means your latency will likely be much

Telecommunications in the Democratic Republic of the Congo

The Democratic Republic of the Congo's international internet connectivity relies heavily on submarine fiber-optic cables landing primarily at Muanda on the Atlantic coast.

TravelMoodGear 26ft/8m Full Function USB C Fiber Optic Cable,

About This Multi-functional: The Optical fiber USB C cable: 1) 10 gbps signal transmission of C USB cable; 2) Supports 60w charging and integrated transmission, eliminating the need for additional

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