North Africa Fiber Optic Communication Network

Overview

This visualization shows the growth of the undersea cable network, global internet peering capacity, and the distribution of IP addresses via BGP announcements over time. Use the controls at the top to play the animation or step through year by year. Fiber-to-the-Home (FTTH) services are becoming more accessible, allowing households to enjoy faster internet speeds and more stable connections for streaming, remote work, online education, and e-commerce. Telecom operators are racing to meet this demand, with companies like Openserve and MTN. This map shows the reach of WIOCC's regional fibre optic network, which reached 75,000-km during 2024. WIOCC's regional network comprises the national transmission backbones of its shareholders in ten African countries, and networks leased from partner operators in other countries.

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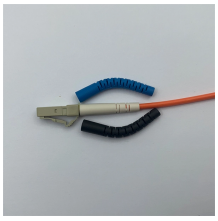
Overall, while the median fixed broadband download speed in African countries is improving, the pace of progress varies across the continent, with download speeds in North African countries ahead of the ...

This list was initially developed as part of AfTerFibre, a project to map terrestrial fibre optic cable projects in Africa. The project was sponsored by Google Africa and, on completion, will be hosted by ...

Fiber internet rollout is reshaping fixed broadband in North Africa. Dive into the latest performance data from across the region.

This major investment will complete our existing submarine and pan-African terrestrial infrastructures to provide access to international connectivity in a redundant fashion throughout the west coast of Africa.

One of the projects is called Umoja — named after the Swahili word for unity — and aims to be the first ever fiber-optic cable connecting Africa directly to Australia.



Explore the development and spread of African undersea and terrestrial fibre optic cables, a transformative revolution in telecommunications infrastructure.

This list was initially developed as part of AfTerFibre, a project to map terrestrial fibre optic cable projects in Africa. The project was sponsored by Google Africa and, on completion, will be hosted by the UbuntuNet Alliance. All information gathered by the project will be publicly available under an open license.

Despite these gains, several challenges still impede the full potential of fiber optic networks in Africa. Regulatory hurdles, limited investment in some regions, and the vandalism of fiber ...

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Africa has seen a major rise in subsea cable connectivity in recent years and together with the enhancement of regional and national fiber networks, the continent''s connectivity matrix is ...

Contact Us

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

Website: https://www.hashherbcafe.co.za
Email: hello@hashherbcafe.co.za
Phone: +27 63 814 7295
Address: 15 Galaxy Road, Linbro Business Park, Johannesburg, 2065, South Africa

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