

Nigeria Optical Module Project



Overview

The Nigerian government has unveiled Project Bridge, an ambitious initiative to deploy a 90,000-kilometre fibre optic backbone. This project aims to revolutionise the nation's digital infrastructure. It aligns with President Bola Ahmed Tinubu's Renewed Hope Agenda. The goal is clear: deliver. Optical fabrication refers to the process of manufacturing optical components such as lenses, mirrors, and prisms. In Nigeria, the current state of optical fabrication is relatively underdeveloped. FRI AUG 08 2025-theGBJournal| The Minister of Communications, Innovation and Digital Economy, Bosun Tijani today unveiled the high-level design for Project BRIDGE, the Federal Government's bold initiative to deploy 90,000km of fibre-optic infrastructure across Nigeria at an event hosted in. The African Development Bank (AfDB) has approved a \$200 million loan towards Nigeria's Project Bridge, a fiber-optic program aimed at expanding broadband access in the country. World Bank Managing Director and Chief Financial Officer, Anshula.



Article Content

Oct 03, 2025

Nigeria targets 95,000km of fibre optic cable infrastructure by 2024 ...

Nigeria's Minister of Information, Communication, and Digital Economy, Mr Bosun Tijani, has unveiled a robust plan to significantly amplify the nation's fibre optic cable network.

Jul 25, 2025

FG unveils PROJECT BRIDGE, a bold, ambitious

FRI AUG 08 2025-theGBJournal| The Minister of Communications, Innovation and Digital Economy, Bosun Tijani today unveiled the high-level design for Project

Jan 10, 2026

U.S, Nigeria sign over \$2 million grant to expand fiber

The U.S. and Nigerian governments have signed a \$2,095,000 grant to assess the feasibility of deploying at least 90,000 kilometers of new fiber optic

Feb 13, 2026

World Bank commits to 90,000 kilometers fiber optic project to drive ...

The meeting underscored the strategic collaboration between Nigeria and the World Bank, with upcoming projects expected to deliver tangible improvements in digital access, sectoral

Mar 15, 2026

Digital Inclusion: EU Commits To 90,000km National

ABUJA: The European Union has pledged support to the 90,000 km national fibre-optic expansion programme in Nigeria, including improvement of

Nov 14, 2025

Connectivity: FG to begin 90,000km fibre-optic cable project within 6 ...

The project is aimed at increasing Nigeria's backbone network from 35,000km to 125,000km by adding 90,000km of fibre-optic cable to the country's national connectivity backbone.

Apr 11, 2026

Fiber Optic Deployment in Nigeria: Progress, Setbacks,

However, despite the potential, the journey to widespread fiber optic adoption in Nigeria has been riddled with both progress and setbacks. What is

Nov 14, 2025

FG to invest \$2bn in 90,000km fibre-optic project

The Federal Government has announced plans to invest \$2 billion dollars to deploy 90,000kilometers fibre optic project in the country. The project is designed to expand Nigeria's fibre

Sep 04, 2025

World Bank, Nigeria Partner on 90,000km Fibre-Optic

The World Bank has backed Nigeria's 90,000km fibre-optic network drive to improve digital access across the country's geopolitical zones.

Oct 17, 2025

Nigeria: FG to begin 90,000km fibre-optic cable project within 6

The Federal Government has announced plans to launch a massive expansion of Nigeria's fiber-optic network, aiming to deploy 90,000 kilometers of new cables across the country

Oct 28, 2025

The Future of Optical Fabrication in Nigeria: An Analysis

Introduction Optical fabrication refers to the process of manufacturing optical components such as lenses, mirrors, and prisms. It plays a crucial role in

Sep 08, 2025

GL FIBER successfully delivered a 268KM OPGW (Optical Ground

06/05/2025, GL FIBER successfully delivered a 268KM OPGW (Optical Ground Wire) project in Nigeria, showcasing our end-to-end OPGW solution capabilities—from custom design to seamless installation.

Aug 28, 2025

Nigerian Government And World Bank Discuss

Minister of Communications and Digital Economy, Bosun Tijani, announced this development on Tuesday during the launch of Nigeria Week in

Jul 21, 2025

Nigeria to extend fibre-optic network by 90,000 km in landmark \$2bn project

The federal government has unveiled the Fibre Forward Strategic Development project. This ambitious initiative aims to extend Nigeria's fibre-optic backbone by 90,000 kilometres. The

Nov 03, 2025

Nigeria's Growing Role in Optical Engineering Field

Explore Nigeria's Triumph in Optical Engineering - Cutting-Edge Advancements and A Tale of Success in Precision and Innovation.

Jan 31, 2026

FG unveils PROJECT BRIDGE, a bold, ambitious

Tijani describes Project Bridge as the most ambitious and foundational digital infrastructure project in Nigeria's history, and is currently the largest digital

Jul 13, 2025

The Future of Optical Fabrication in Nigeria: An Analysis

By establishing optical fabrication facilities within the country, Nigeria can become self-sufficient in meeting its own demand. This can lead to cost

Aug 07, 2025

Project Bridge | The Federal Ministry of

Project BRIDGE is the establishment of a Special Purpose Vehicle (SPV) aimed at deploying at least 90,000 km of Fiber Optic cables as Nigeria's core connectivity

Apr 07, 2026

MTN Nigeria and Huawei Launch Nation's First 400G/800G Hybrid

The first deployment of single-wavelength 800G optical channel in the Nigerian DWDM network, setting a new benchmark for optical transport networks in West Africa. The implemented

Oct 28, 2025

World Bank backs Nigeria's 90,000km optic network project

The World Bank Group is working with Nigeria to deliver a 90,000-kilometre fibre-optic cable project, it was learnt yesterday. It is aimed at

Aug 10, 2025

AfDB approves \$200M towards Nigeria's fiber expansion

The African Development Bank has approved a \$200 million loan for Nigeria's Project Bridge, a fiber-optic program aimed at expanding broadband access.

Feb 25, 2026

Nigeria's 90,000km fibre project begins Q2 2025, gets \$1b funding

The Federal Government will provide \$1 billion, half of the \$2 billion required to deliver the country's 90,000-kilometre fibre project.

Oct 08, 2025

Nigeria plans to extend fibre-optic network by 90,000 km

The Federal Government of Nigeria has announced plans to extend the country's fibre-optic backbone by 90,000 kilometres to foster economic

Mar 02, 2026

FG, World Bank Target \$3bn to Expand Fibre Optic Cables in Nigeria

In his remarks, Mr Franz Drees-Gross, the World Bank Regional Director, (Infrastructure) West and Central Africa, said the first phase of the project would involve laying 95,000km of fibre

Aug 11, 2025

Project Bridge: Nigeria launches 90,000 km fibre optic backbone for ...

The Nigerian government has unveiled Project Bridge, an ambitious initiative to deploy a 90,000-kilometre fibre optic backbone. This project aims to revolutionise the nation's digital

Jun 09, 2026

Can Bosun Tijani's fibre optic plan bridge Nigeria's

We examine the progress of Nigeria's Communications, Innovation and Digital Economy Minister, Bosun Tijani's fibre optic plan.

Apr 01, 2026

Project Bridge | The Federal Ministry of

This initiative will complete Nigeria's intended target of 120,000 km of fibre-optic cable roll-out in Nigeria as identified in the Nigeria National Broadband Plan 2020

May 27, 2026

Nigeria, World Bank eye \$3b for 120,000km fibre optic cables

The Federal Government and the World Bank are targeting about \$3billion to fund additional 120,000km fibre optic cables to leap frog broadband infrastructures and connectivity.

Contact Us

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