

## Gigabit Optical Module in South Sudan



### Overview

South Sudan has set aside \$9 million for the design phase of an optic fibre project in the East African country. The initiative is expected to reduce communication costs, expand coverage, and connect underserved populations. JUBA - South Sudan's Ministry of Information, Communication Technology, and Postal Services has greenlit a \$9 million budget to initiate the design phase of the national fibre optic implementation project, a critical step toward addressing the country's longstanding digital and infrastructure. South Sudan has approved a budget of over \$9 billion to construct a national fiber-optic backbone, with 2,400 kilometers of fiber set to begin in December 2025. This initiative aims to enhance digital governance and accountability, improve the country's low ranking on the UN E-Government. This media converter combines transmit and receive signals onto one fibre strand using two wavelengths. This design avoids the budget losses incurred by the single-wavelength single-fiber technology and minimizes the possibility of reflections in the system. Optical modules complying with SFP. The project, chaired by Deputy Minister of ICT & Postal Services, David Yauyau, is a cornerstone of the government's digital transformation agenda aimed at improving connectivity and expanding access to broadband internet across the country. The funding was approved by the east African country's steering group for. 6Wresearch actively monitors the South Sudan Gigabit Passive Optical Network (GPON) Chipset Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook.

## Article Content

South Sudan approves \$9M for fiber optic network design

++ South Sudan Approves \$9M Budget for National Fiber Optic Network Design ++  
The South Sudanese government has taken a significant step forward in its national fiber optic infrastructure

Gov't approves \$9 million for fiber optic design

By Morris "Dogga South Sudan has taken a step towards realizing digital transformation with the Fiber Optic Implementation Committee. On Friday, the fibre optic implementation committee,

South Sudan Gigabit Passive Optical Network (GPON) Chipset

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Fibre Optic Link from Kenya to Reach South Sudan by 2026

Listen to this article (JUBA) - The Ministry of Information, Communication Technology and Postal Services (MOICT& PS) of South Sudan, in partnership with the World Bank, has

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South Sudan approves multimillion dollar fibre rollout

South Sudan has set aside \$9 million for the design phase of an optic fibre project in the East African country. The initiative is expected to reduce communication costs, expand coverage,

south sudan republic Gigabit 2-Optical 8-Electrical Industrial-Grade ...

An industrial-grade Ethernet switch featuring 8 Gigabit electrical ports and 2 Gigabit FX optical ports, supporting 8 × 100Base-T/1000Base-TX electrical ports and 2 × 1000Base-X optical ports. The

South Sudan World Bank Fiber Optic Project Launch 2026

Africa-Press - South-Sudan. The Government of South Sudan, in collaboration with the World Bank, will begin laying a fiber optic cable from Kenya early next year, a move aimed at

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