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Nigerian commissioning fiber optic cable 2 cores



Overview

The new target however will depend on the achievement of 70 percent fibre optic cable deployment by 2027.

Key Takeaways

Nigeria has commissioned the expanded Coleman Fibre Optic Cable Factory (Phase II) in Sagamu, Ogun State, significantly boosting local fiber optic production and digital infrastructure.Overview of the Commissioning

The Coleman Sagamu V Fibre Optic Factory Phase II was officially commissioned by the Minister of Industry, Trade and Investment, Dr. Jumoke Oduwole, on behalf of President Bola Ahmed Tinubu, marking a major milestone in Nigeria's digital economy and local manufacturing sector . The expansion celebrates 50 years of disciplined Nigerian manufacturing and positions the country as a regional hub for advanced telecommunications technology .

Production Capacity and Capabilities

The facility is Africa's largest fibre optic cable factory and the continent's first fibre-reinforced plastic (FRP) production plant . It has the capacity to produce up to nine million kilometers of fibre optic cables annually and process approximately 13,000 tons of copper and aluminum per month . This expansion reduces Nigeria's dependency on imports and strengthens the domestic supply of essential telecommunications infrastructure .

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Impact on Nigeria's Digital Economy

The commissioning supports the government's plan to deploy 90,000 kilometers of fibre optic cables nationwide, enhancing broadband penetration, smart industry adoption, and technological self-reliance . The facility is expected to create over 20,000 direct jobs and 200,000 indirect jobs, while generating significant export revenue . It also aligns with Nigeria's competitive positioning under the African Continental Free Trade Area (AfCFTA) and promotes local content development .

Technological and Industrial Significance

The Sagamu V Factory incorporates cutting-edge infrastructure and world-class engineering, enabling faster and more reliable broadband deployment across Nigeria and the wider region . While specific details about 2-core fiber optic cables are not explicitly mentioned, the factory's large-scale production capabilities suggest it can manufacture a wide range of fiber optic cable types, including multi-core and single-core variants suitable for telecommunications, internet backbone, and industrial applications .

Conclusion

The commissioning of Coleman's expanded fibre optic facility represents a strategic investment in Nigeria's digital infrastructure, fostering technological innovation, industrial growth, and economic development. It underscores the country's commitment to local manufacturing, broadband expansion, and regional leadership in telecommunications technology .

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