

Where to buy fiber optic cable in Tuvalu



AI Overview

Tuvalu does not sell fiber optic cables; it has recently installed its first submarine fiber optic cable to improve national connectivity. Tuvalu's involvement in fiber optic infrastructure is primarily as a recipient and operator rather than a manufacturer or exporter. The nation launched the Tuvalu Vaka Cable, its first international submarine fiber optic cable, connecting Funafuti, the capital, to the broader Pacific network through Google's Bulikula cable system. This cable contains four fiber pairs and is designed to provide faster, more reliable, and affordable internet connectivity, supporting education, healthcare, business, and public services. The Vaka Cable project was developed by the Tuvalu Telecommunications Corporation (TTC) in partnership with Google, CIENA, and local contractors, with funding from the United States, Australia, New Zealand, Japan, and Taiwan. The project cost approximately USD 56 million and is fully grant-funded, highlighting that Tuvalu's role is as a beneficiary of international investment rather than a commercial seller of fiber optic technology. Before the Vaka Cable, Tuvalu relied on satellite connections, which were expensive and limited in bandwidth, constraining digital services. The new submarine cable represents a structural shift in Tuvalu's digital capacity, enabling permanent high-capacity international connectivity and integration into regional digital markets. It also addresses challenges posed by Tuvalu's dispersed geography and vulnerability to natural events, ensuring more resilient communication infrastructure. In summary, while Tuvalu now has state-of-the-art fiber optic connectivity, it does not produce or sell fiber optic cables commercially. Its focus is on leveraging international partnerships to enhance national digital infrastructure and global connectivity.

Article Content

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Cable: Tuvalu

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VAKA Cable lands in Tuvalu, the nation's first submarine cable

The Tuvalu Vaka Cable project is developed by Tuvalu Telecommunications Corporation, in collaboration with Google,

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