Tuvalu Self-Supporting Optical Cable

Overview

The Vaka Cable project was developed by the Government of Tuvalu through Tuvalu Telecommunications Corporation, with support from Australia, Japan, New Zealand, Taiwan, and the United States, and implemented in partnership with Google as the technical partner, alongside CIENA. The Vaka Cable project was developed by the Government of Tuvalu through Tuvalu Telecommunications Corporation, with support from Australia, Japan, New Zealand, Taiwan, and the United States, and implemented in partnership with Google as the technical partner, alongside CIENA. Google's Product and Service Innovation Global Submarine Cable system director Shirshendu Bhattacharya addressed concerns about the reliability of a submarine fiber optic cable connecting Tuvalu while also acknowledging the threat of rising sea levels and emphasising proactive measures to mitigate. Tuvalu Telecommunications Corporation (TTC) announced the successful landing of the nation's first submarine cable, the Tuvalu VAKA Cable, marking a monumental leap forward for connectivity and digital inclusion for Tuvalu. The Tuvalu Vaka Cable is the first international telecommunications cable. Tuvalu Telecommunications Corporation CEO Tenanoia Simona (left), Minister Simon Kofe and Australia's then Deputy High Commissioner to Tuvalu at the Tuvalu Vaka Cable Activation Ceremony (Tuvalu Ministry of Transport, Energy, Communication and Innovation) Tuvalu celebrated the official activation. Funafuti, Tuvalu – 24 October 2025 – The Government of Tuvalu officially launched the Vaka Submarine Cable, a first international subsea cable connection for the island nation marking a historic milestone in the nation's digital transformation journey. The new undersea cable will deliver faster. Tuvalu's connection is delivered through branching unit integration into the Central Pacific Cable (CPC) submarine network, providing permanent high-capacity international fiber connectivity to the country. The cable will deliver more reliable and affordable internet across Tuvalu, improving digital access and inclusion. The USD 56 million (AUD 80 million).

Article Content

Tuvalu leads the way in protecting its first undersea cable

Tuvalu''s first undersea telecommunications cable — the Vaka Cable — is now live, marking a major milestone in the country''s digital transformation.

ULW Ultra light weight fibre optic cable

ULW Ultra light weight fibre optic cable is optical fibre cable for aerial and duct installations. Aerial self-supporting maximum span length is 68 m.

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

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

Tuvalu Vaka cable lands in Funafuti | The Australian

Tuvalu Vaka cable has landed in Funafuti, marking a major milestone in delivering Tuvalu''s first undersea telecommunications cable. Tuvalu Vaka

GJYXFC Self-Supporting Drop Cable | FTTH / FTTB

Description GJYXFC optical cable is designed for access network applications. The communication unit is centrally positioned, flanked by two parallel non-metallic

Cable: Tuvalu

Tuvalu''s connection is delivered through branching unit integration into the Central Pacific Cable (CPC) submarine network, providing permanent high-capacity international fiber connectivity to the country.

The Tuvalu Vaka Cable: building connectivity and a

The Tuvalu Vaka Cable is not simply about technology — it is about securing Tuvalu''s future. It helps Tuvalu build a Digital Nation while also improving day-to

Vaka Cable Connects Tuvalu to the World, Marking a

The Vaka Cable, Tuvalu''s first international subsea internet connection, is a symbol of resilience and progress — a lifeline that promises

The Tuvalu Vaka Cable: building connectivity and a

The submarine cable is critical to these efforts. Creating a digital copy of Tuvalu might be feasible outside of the nation, but how could we in Tuvalu enjoy and

ADSS (All-dielectric Self-supporting) optical fibre cable is atype of ...

ADSS Fiber Optic Cable ADSS (All-dielectric Self-supporting) optical fibre cable is a type of self-supporting aerial fiber optic cable designed for aerial installation and deployment and is suitable for

Affordable, Faster Connectivity for Tuvalu

The Project will also support investments in, an international optical fiber submarine cable to provide faster, lower-cost internet bandwidth. “Delivering better telecommunications services is essential to

Tuvalu launches Vaka Submarine Cable, connecting the nation to a ...

Funafuti, Tuvalu – 24 October 2025 – The Government of Tuvalu officially launched the Vaka Submarine Cable, a first international subsea cable connection for the island nation marking a historic milestone

World Bank Document

To facilitate the expansion and reform of Information and Communication Technology (ICT) services in Tuvalu, the GoTv are planning to invest in a submarine cable system to connect Funafuti atoll to the

MOFA response to Australian Foreign Minister Wong thanking

December 14, 2024 Australian Minister for Foreign Affairs Penny Wong on December 14 posted a message on her X account thanking Taiwan, the United States, Japan, and New Zealand for working

Undersea cable sparks concerns amid rising seas

The Google-backed Tuvalu Vaka cable project is Tuvalu''s first undersea internet connection and is a joint effort between Tuvalu

Tuvalu launches submarine cable; government offers

Funafuti— The Tuvalu government is offering free internet service nationwide to mark the recent launch of the Vaka Submarine Internet Cable,

Shenzhen Angnet Technology co., Ltd _FTTA & Network Solution-City ...

Available with flat drop or traditional round style OSP cables, the hardened connector provides an ideal solution for direct burial, conduit, or aerial installations.

The Tuvalu Telecommunications Corporation (TTC) and the

The Tuvalu Telecommunications Corporation (TTC) and the Ministry''s ICT Department have started installing fiber optic cable running from the TTC hub to the Government Building and the

Tuvalu Vaka cable | The Australian Infrastructure

Tuvalu Vaka cable will connect Funafuti, the capital of Tuvalu, to the Bulikula cable system. Tuvalu Vaka cable will be the first international subsea cable connection

VAKA Cable Lands, Tuvalu''s First | Submarine

The site for the Northern Territory''s first open cable landing station to park subsea fibre-optic cables as part of an emerging tech industry has taken its next major

Google-backed Tuvalu undersea cable targets climate-resilient ...

The Tuvalu Vaka cable is a branch off Google''s Bulikula network and landed in Funafuti, the capital, last December. It is slated to be operational by the third quarter of 2026.

Google Adds a Branch off Bulikula Cable to Connect

Google announced the ever first s ubsea cable connectivity to Tuvalu with the addition of the Tuvalu Vaka cable, a new subsea cable branch off the

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

Tuvalu Telecommunications Corporation (TTC) announced the successful landing of the nation''s first submarine

ADSS Fiber Optic Cable: What They

Learn about ADSS (All Dielectric Self-Supporting) fiber optic cables—their central tube/layered twist structures, PE/AT sheaths, benefits for power grids, and how they outperform

Tuvalu launches Vaka Submarine Cable, connecting the

The Vaka Cable project was developed by the Government of Tuvalu through Tuvalu Telecommunications Corporation, with support from Australia,

Undersea cable sparks concerns amid rising seas

GOOGLE''S Product and Service Innovation Global Submarine Cable system director Shirshendu Bhattacharya addressed concerns about the

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

Website: https://www.ourensemeeting.es
Email: sales@ourensemeeting.es
Phone: +34 685 473 921
Address: Calle de Alcalá, 25, 28014 Madrid, Spain

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