

Vanuatu Optical Cable Synthesis



Article Overview

Vanuatu's optical cable infrastructure combines international subsea connectivity with SMART monitoring capabilities, enhancing broadband access, resilience, and environmental data collection.

Interchange Cable Network (ICN)

Vanuatu's primary subsea fiber optic system, the Interchange Cable Network (ICN), is operated by Interchange Limited (ICL). The first cable, ICN1, links Fiji to Vanuatu and has been operational since January 2014, providing 20 Gbit/s, which is over 200 times the capacity of the previous satellite system . ICN1 significantly improved international connectivity and enabled ISPs to offer flexible bandwidth solutions, including Fibre Lite and National Leased Line (NLL) services . Planned expansions include ICN2, connecting Port Vila to Honiara, Solomon Islands, and ICN3, linking Tanna Island to Noumea, New Caledonia, with a spur to Espiritu Santo. These additions aim to provide redundancy and resilience in case of disruptions .

Tamtam SMART Cable Project

The Tamtam Cable, contracted to Prima Ltd and developed by Alcatel Submarine Networks (ASN) in partnership with OMS, is a SMART (Science Monitoring And Reliable Telecommunications) cable scheduled for Ready for Service by the end of 2027 . Unlike traditional cables, Tamtam integrates scientific sensors for seismic, tsunami, and oceanographic monitoring, leveraging ASN's Climate Change (CC) technology. This dual-purpose design enhances public safety, disaster preparedness, and environmental monitoring in a region highly exposed to natural hazards . The Tamt...

Article Content

May 26, 2026

Vanuatu Fiber Optics Cable Market (2025-2031) | Trends, Outlook

6Wresearch actively monitors the Vanuatu Fiber Optics Cable Market and publishes its comprehensive annual report, highlighting

Feb 16, 2026

Prima and Alcatel Submarine Networks announce world's first SMART

In a significant move to enhance digital connectivity and seismic monitoring in the Pacific region, Prima, in

Dec 30, 2025

Subsea Cable Upgrade to Improve Capacity 1,000 Per Cent

Plans are still in place to build a second "Tam-Tam" subsea cable in 2026, connecting Vanuatu and New Caledonia,

May 09, 2026

Vanuatu Fiber Optic Cable Supply

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser

Jul 19, 2026

Trusted Fiber Optic Supplier Vanuatu

As a professional fiber optic supplier, Cetelnet offers a complete range of materials, tools, and accessories for network installation,

Dec 27, 2025

Contract signed for world's first SMART subsea cable, connecting ...

Efforts to install the world's first Science Monitoring And Reliable Telecommunications (SMART) seafloor cable

May 07, 2026

ASN and OMS Lock In Tamtam Cable Contract to Boost Vanuatu

ASN and OMS announced that the Tamtam Cable contract with Prima Ltd has officially entered into force as of

Oct 18, 2025

Vanuatu optical fiber cable performance

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser

Mar 15, 2026

Vanuatu Business Review » ADB to help fund second Subsea Cable

ADB to help fund second Subsea Cable January 12, 2025 10:33 pm | Posted in Business News | Share now Twitter Facebook Local

Jan 22, 2026

ADB to help fund second Subsea Cable | News | dailypost.vu

Local tech company Prima Limited and the Asian Development Bank (ADB) have signed a debt-plus-grant mandate

Dec 31, 2025

Trusted Fiber Optic Supplier Vanuatu

As Vanuatu embraces digital transformation, reliable and high-speed communication networks are essential for driving growth,

Nov 18, 2025

Contract for World's first SMART cable establishment signed

A contract has been signed for the establishment of the world's first Sensor Monitoring and Reliable

Apr 28, 2026

Telecommunications in Vanuatu

Internet Service Providers (ISPs) Digicel Vanuatu Limited - Provides WIMAX (1 Mbit/s - 20 Mbit/s), 3G & GPRS mobile internet

Jan 14, 2026

Fibre optic cable to boost Vanuatu's internet connectivity

Vanuatu is set to get a new fibre optic cable link which will dramatically improve its connection to the internet.

Dec 20, 2025

Vanuatu Fiber Optic Cable Market (2025-2031) | Share & Industry

6Wresearch actively monitors the Vanuatu Fiber Optic Cable Market and publishes its comprehensive annual report, highlighting

Apr 30, 2026

Interchange Cable Network

The Interchange Cable Network is a series of subsea fiber optic cables owned by Vanuatu -based company Interchange Limited. The

Feb 23, 2026

Vanuatu – Weather and Climate Services

Country: Vanuatu Sector: Communication Infrastructure The Asian Development Bank (ADB) assisted TAMTAM Submarine Cable

Dec 19, 2025

vanuatu-optical-cable-prices Manufacturer/Producer

We produce energy cables, telecommunications cables, railway and traffic cables, cables for renewable energies, industrial cables,

Feb 05, 2026

Interchange – Connect, Collaborate, Communicate

The Interchange Group is a Vanuatu-based consortium, committed to a better future for Melanesia. We are providing

May 26, 2026

ASN and OMS Announce CIF for the SMART Tamtam Project

ASN and OMS announced the TamTam Cable contract with Prima Ltd (Vanuatu) has officially entered into force. The

Sep 07, 2025

Reliable Fiber Optic Contractor Vanuatu

Cetelnet is a trusted fiber optic contractor in Vanuatu, delivering turnkey solutions for fast, reliable, and future-proof digital networks.

Jul 02, 2026

Vanuatu Fibre Optic Cables Market (2025-2031)

6Wresearch actively monitors the Vanuatu Fibre Optic Cables Market and publishes its comprehensive annual report, highlighting

Jul 24, 2026

ASN, OMS and Prima ready to start Tamtam cable project for Vanuatu ...

ASN and OMS have revealed that their contract with Vanuatu-based telecoms infrastructure firm Prima to build the Tamtam subsea

Contact Us

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

Website: <https://www.greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

