Fiber Optic Samoa Branch



Overview

Vodafone Fibre Speeds up to 100 Mbps Stream all your devices Fiber Optic straight to your home/business Includes landline & MoanaTV Call 67121 Fiber Plans.

Key Takeaways

Samoa's fiber optic network is supported by domestic and international submarine cables, covering approximately 55% of the country and significantly enhancing internet speed and reliability.

Submarine Cable Connections

Samoa is connected to the global internet through several submarine fiber optic cables.

The Tui-

Samoa cable links Apia, Samoa to Suva, Fiji, with landing stations in Savusavu, Wallis and Futuna, and Savai'i, providing high-quality connectivity for economic and ICT development. Additionally, the America Samoa Hawaii (ASH) Cable and the Samoa-American Samoa (SAS) Cable connect Samoa to American Samoa and Hawaii, enabling inter-island communication and access to global networks. These cables have greatly increased capacity, offering more than 40 times the previous bandwidth available in the region.

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Domestic Fiber Network

Domestically, the Samoa National Broadband Highway (S. N. B.

H.) links government offices, schools, and hospitals to the fiber optic network. Managed initially by Computer Service Ltd., it is being transferred to the Ministry of Communications and Information Technology (M. C.

I. T.) to centralize operations and improve service delivery. The network uses fiber, microwave, Wi-Fi, and 4G LTE for local access, supporting government services, education, and healthcare initiatives.

Coverage and Internet Access

As of 2026, fiber optic coverage in Samoa reaches approximately 55% of the country, improving internet reliability and speed, with an average connection speed of 45 Mbps. Internet penetration is around 68%, supporting digital commerce, e-governance, and remote work. The expansion of fiber infrastructure has contributed to the digital economy, which now accounts for roughly 15% of Samoa's GDP.

Service Providers

Local providers, such as ASTCA, offer fiber optic internet connections with speeds up to 1 Gbps, catering to households, businesses, and educational institutions. The Samoa Submarine Cable Company (SSCC) operates on a wholesale model, supplying capacity to ISPs rather than directly to end users, ensuring competitive and affordable internet services.

Future Developments

The government plans to upgrade the S. N. B.

H. and fully integrate it under M. C. I.

T., with significant funding allocated for equipment, network expansion, and operational improvements. These initiatives aim to further enhance connectivity, bridge urban-rural digital divides, and support Samoa's ongoing digital transformation. In summary, Samoa's fiber optic infrastructure combines international submarine cables and domestic networks to provide reliable, high-speed internet, with ongoing government and private sector efforts to expand coverage and support economic growth.

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Article Content

Vodafone Fibre

Speeds up to 100 Mbps Stream all your devices Fiber Optic straight to your home/business Includes landline & MoanaTV Call 67121 Fiber Plans (Promotion)

Internet and Fiber Optic Coverage Statistics in Samoa (2026)

Projected 2026 internet and fiber optic coverage statistics in Samoa, reflecting digital growth and infrastructure expansion in the country.

Our Network – ASTCA

BLAST Fiber Network We are proud to be the only Service Provider in American Samoa to offer Fiber Optic Internet Connection reaching the fastest speeds on the island. With our home internet

Samoa Submarine Cable Company | Connecting

High quality connectivity via state-of-the-art fibre optic cable technology will stimulate Samoa''s ICT growth and economy. Network diversity and availability

Le Vasa cable is a new digital link for American Samoa

Similar to other US territories, American Samoa is geographically isolated and relies heavily on undersea cables for internet access. In the celebration following the signing, many

Samoa Observer | M.C.I.T. to takeover broadband network

The S.N.B.H., which is managed by the Computer Service Ltd., links Samoa''s schools and hospitals to the fibre-optic cable network. The Budget estimates for the year 2023-2024 for the

Home Broadband Plans – ASTCA

BLAST Fiber Network We are proud to be the only Service Provider in American Samoa to offer Fiber Optic Internet Connection reaching the fastest speeds on the island. With our home internet

Broadband

The Broadband Coordination Office is dedicated to driving the digital future of American Samoa. Our mission is to expand and enhance broadband access across the territory, ensuring that

Submarine Cable Map

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TeleGeography''s comprehensive and regularly updated interactive map of the world''s major submarine cable systems and landing stations.

Samoa: Samoa Submarine Cable Project

The project aimed at improving Samoa''s international broadband connectivity, which involved the development and operation of a fiber optic submarine cable system (SCS) that would

Manatua One Polynesia Fibre Cable

Manatua logo The Manatua One Polynesia Fibre Cable is a 3,600 kilometres (2,200 mi) long submarine communications cable linking Samoa, Niue, the Cook Islands, and French Polynesia. The cable is

47320-001: Samoa Submarine Cable Project

BlueSky Samoa is owned by BlueSky Communications (American Samoa), the Unit Trust of Samoa, and other investors from Samoa and American Samoa. BlueSky Samoa is the main user of the

HAWAIKI, ASH, and ASTCA Join to Form New Broadband Alliance in

ASTCA is connected to the Hawaiki trans-Pacific subsea fiber optic cable network by a 400-kilometer subsea branch; the branch is owned by ASTCA. ASTCA also provides international

Pacific Connectivity Samoa

A well-connected Samoa means more opportunities for local businesses, better access to educational resources, improved healthcare, and a platform for tourism expansion. Cetelnet''s connectivity

Broadband

Broadband Funding: We actively pursue and manage funding opportunities to support broadband initiatives that benefit the people of American Samoa. Infrastructure Development: Our

SAMOA-Net project: Multicore fiber based PON architectures

As part of the SAMOA-Net (Spatial Multiplexing in Optical Access Networks) project funded by the federal government, we are working on new SDM-PON concepts and architectures for

American Samoa | Powertec Information Portal

In 2009, the American Samoa-Hawaii Cable (ASH cable), a fibre-optic submarine communications cable, was introduced. The SAS cable between American Samoa and Samoa was upgraded to 100

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American Samoa, Google ink deal to build fiber optic cable linking to ...

American Samoa has signed an agreement with Google to build a fiber-optic cable connecting the U.S. territory to Fiji and French Polynesia as part of the Pacific Connect initiative.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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