

## Fiber optic cable running through Suriname



### AI Overview

Suriname is connected to international and regional fiber optic networks, including the Deep Blue One subsea system and the upcoming EllaLink Caribbean Gateway, supporting high-capacity internet access and national digital expansion. International Subsea Connectivity Suriname currently benefits from the Deep Blue One subsea fiber optic system, which went live in August 2024. This 2,250 km route links Suriname with French Guiana, Guyana, and Trinidad & Tobago, delivering 25 Tbps of capacity and significantly improving regional connectivity. Additionally, Suriname has signed a Letter of Intent with EllaLink to join the EllaLink Caribbean Gateway, a high-capacity submarine cable system providing a fully diverse route to major global data hubs, including Europe, Brazil, and the United States. This project aims to future-proof Suriname's international backbone with a 25-year design life and low-latency access to Tier-1 data centers. National Fiber Rollout Domestically, Telesur has been expanding fiber infrastructure since 2013, completing a National Broadband Project by 2019. Residential fiber plans offer speeds ranging from 50/50 Mbps to 200/200 Mbps, with pricing structured according to bandwidth. The rollout primarily covers urban areas, where about 66% of the population resides, while interior regions remain less connected, with only 27% of residents online. Companies like UCC have been instrumental in deploying fiber connections within Paramaribo and extending links to neighboring countries and key infrastructure points, including airports. Market Trends and Future Outlook The Suriname fiber optics market is projected to grow steadily, with growth rates expected to accelerate to 2.16% by 2028 before moderating slightly by 2029. This growth is driven by increasing demand for high-speed internet, regional integration, and government initiatives under the National...

## Article Content

### Fiber-optic communication

Modern fiber-optic communication systems generally include optical transmitters that convert electrical signals into optical signals, optical fiber cables to carry the signal, optical amplifiers, and optical

Exclusive: Riyadh wants to replace Israel with Syria for

Saudi Arabia wants to replace Israel with Syria as the transit country for a fibre-optic cable designed to connect the kingdom to Greece through the

### Fiber Optic Coverage and Internet Usage Statistics in Suriname (2026)

Key Insight: Suriname has seen significant progress in expanding its fiber optic network, with coverage reaching 45% of urban areas by 2026. This infrastructure boost has contributed to increased internet

### Deep Blue One

Deep Blue One is a 2,000 km cable connecting French Guiana, Suriname, Guyana and Trinidad & Tobago, with the opportunity to connect offshore oil and gas rigs on the back of the

### Suriname Deep Blue One Submarine Fiber Optic Project

The Deep Blue One submarine fiber optic system, located off the coast of Suriname, is a large-scale marine communication infrastructure project covering approximately 180 kilometers of submarine

### The FOA Reference For Fiber Optics

Optical Time Domain Reflectometer (OTDR) Download free OTDR Trainer Software for PCs After you study this page, you can download a free OTDR Trainer to run on your PC. The Optical Time

### The FOA Reference For Fiber Optics

The Role of Fiber Optics In Premises Networks While UTP copper has dominated premises cabling, fiber optics has become increasingly popular as computer network speeds have risen to the gigabit

### How the Internet Travels Across Oceans

The cables begin as a cluster of strands of tiny threads of glass fibers. Lasers propel data down the threads at nearly the speed of light, using fiber-optic technology.

### Connected Suriname: A Deep Dive into Internet Access and Satellite ...

These cables historically provided the country's international bandwidth. In August 2024, a new high-capacity subsea fiber optic system called Deep Blue One went live, landing in Paramaribo

Deep Blue One cable goes live in Suriname

Digicel Suriname has moved all data traffic to the new Deep Blue One submarine cable. First reported by BNAméricas, the cable was first activated in June. The cable landing station in

Undersea cables are the unseen backbone of global internet

Undersea cables, also known as submarine communications cables, are fibre-optic cables laid on the ocean floor and used to transmit data between continents. These cables are the

The FOA Reference For Fiber Optics

Fiber Optic Network Design Jump To: The Communications System Cabling Design  
Choosing Transmission Equipment Planning The Route Choosing Components Cable  
Plant Link Loss Budget

Optical fiber connector

Optical fiber connectors are used in telephone exchanges, for customer premises wiring, and in outside plant applications to connect equipment and fiber-optic cables, or to cross-connect cables. Most

Digicel Suriname Completes Transition to Deep Blue One Submarine Cable ...

Digicel Suriname has completed the transition of all data traffic to the new Deep Blue One submarine cable. Digicel's Deep Blue One Subsea Fibre Cable went live in June 2024,

Digicel, France & Orange telecoms target Guyana, Suriname

Digicel on Wednesday announced that it has inked a deal with the France-based major international telecoms provider, Orange, to build a submarine fibre-optic cable that would link French

Telesur Joins EllaLink Caribbean Gateway

Telesur (Telecommunicatiebedrijf Suriname) and EllaLink Ireland Limited have signed a Letter of Intent (LOI) to make Suriname the first country to formally join the EllaLink Caribbean

New super-fast internet cable active in Suriname and neighboring ...

Thanks to a new undersea cable called Deep Blue One, Suriname, Guyana, French Guiana, and Trinidad and Tobago now have access to high-speed internet. It's a fiber-optic cable

## Suriname Fiber Optic Cable Market (2025-2031) | Analysis & Share

Suriname Fiber Optic Cable Market Size Growth Rate The Suriname Fiber Optic Cable Market is projected to witness mixed growth rate patterns during 2025 to 2029. Growth accelerates to 2.24% in

### Guidelines On What Loss To Expect When Testing Fiber Optic Cables

Guidelines On What Loss To Expect When Testing Fiber Optic Cables To be able to judge whether a fiber optic cable plant is good, one does a insertion loss test with a light source and power meter and

### Telesur joins forces with EllaLink on its new Caribbean Gateway project

With a 25-year design life, full ownership of the Suriname branch and end-to-end managed services, the project gives Telesur a future-proof international backbone to support the

### Connected Suriname: A Deep Dive into Internet Access and Satellite ...

In August 2024, the Deep Blue One subsea fiber optic system, operated by Digicel's submarine fiber subsidiary, went live in Paramaribo, delivering 25 Tbps over a 2,250 km route linking

### 5 Trends Driving Fibre Optic Deployment in 2026 – Wray Castle

2026 Fibre Deployment Trends Shaping the Market Fibre optic deployment in 2026 is being driven first by a major policy and funding wave that is finally turning plans into active construction.

### Fiber Atlantic

This interactive submarine cable map shows the global undersea fiber optic cables connecting world. Explore cable routes, landing stations and system status. Coming Soon: Data Service

### EllaLink to extend subsea cable to Suriname

A branch of EllaLink's flagship TransAtlantic system, the companies said the new cable will give Suriname a “new, fully diverse subsea route to the world's major data hubs.” Full details of

### ABC Fiber NV

Your Expert in Optical Fiber Connections in Suriname • ABC FIBER NV is a Surinamese company specializing in the deployment of optical fiber connections,

### Fiber Optic Cable Installation and Handling Instructions

Introduction Fiber optic cables can be easily damaged if they are improperly handled or installed. It is imperative that certain procedures be followed in the handling of these cables to avoid damage

## ABC FIBER NV

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