Optical cable to Suriname

Overview

suriname-optical-cable-brands | B2B companies and suppliersWe import high-quality products from internationally recognized manufacturers, including copper.

Key Takeaways

Suriname's optical cables are connected through a combination of international submarine systems and domestic fiber networks, linking the country to regional and global internet hubs.

International Submarine Connections

Suriname is connected to multiple subsea fiber-optic cables that provide high-capacity international connectivity. Key systems include: Deep Blue One: Operational since August 2024, this 2,250 km submarine cable links Suriname with French Guiana, Guyana, and Trinidad & Tobago, delivering up to 25 Tbps of capacity.

Ella

Link Caribbean Gateway: Suriname joined this high-capacity transatlantic system, providing direct connectivity to Europe, Brazil, and the United States. This cable enhances redundancy, reduces dependency on a single route, and offers low-latency access to Tier-1 data centers.

Americas II and Suriname-

Guyana Submarine Cable System (SGSCS): These older systems connect Suriname to the Caribbean and North American networks, with terrestrial extensions linking local networks to the international backbone.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Domestic Fiber Network

Within Suriname, Telesur has been the primary driver of fiber deployment: The National Broadband Project, completed in 2019, extended fiber to urban areas, offering residential plans with speeds ranging from 50/50 Mbps to 200/200 Mbps. Fiber rollout is concentrated along the coastal urban corridor, where about 66% of the population resides, while interior regions have limited connectivity, often relying on slower 2G/3G networks. Fiber connections are typically terminated at local exchanges and data centers, which then distribute service to homes and businesses via optical network terminals (ONTs) or fiber-to-the-home (FTTH) setups.

Connection Architecture

Submarine cables land at coastal landing stations, where they are connected to terrestrial fiber backbones. Redundant routes are implemented to ensure reliability, with multiple cables providing alternative paths to international hubs. Urban distribution uses a combination of fiber rings and point-to-point connections to ISPs and enterprise networks, while rural areas may use wireless or hybrid fiber-wireless solutions due to lower population density.

Future Developments

Suriname continues to expand its optical network: Integration with EllaLink and other next-generation systems is part of a strategy to modernize the country's digital infrastructure and support economic growth. Government initiatives aim to improve interior connectivity, supported by projects funded by the Inter-American Development Bank and the National Digital Strategy 2023–2030. Overall, Suriname's optical cable network combines international submarine links with a domestic fiber backbone, ensuring high-speed connectivity for urban areas and gradually extending access to rural regions.

Article Content

suriname-optical-cable-brands | B2B companies and suppliers

We import high-quality products from internationally recognized manufacturers, including copper and fiber optic cables, patch panels, optical distribution frames, patch cords, outlets, racks, and...

EllaLink to extend subsea cable to Suriname

Two subsea cables currently land in Suriname. The Suriname-Guyana Submarine Cable System (SG-SCS), deployed in 2010 by Telesur and Guyana Telephone and Telegraph, links the

suriname-optical-cable-brands Wholesaler

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

We import high-quality products from internationally recognized manufacturers, including copper and fiber optic cables, patch panels, optical distribution frames, patch cords, outlets, racks, and...

Digicel Activates Deep Blue One Cable Network

Digicel Group has announced the activation of its subsea fibre cable, Deep Blue One, significantly improving internet and communication services across the Caribbean and South

Telesur joins forces with EllaLink on its new Caribbean Gateway project

The EllaLink Caribbean Gateway will give Suriname a new, fully diverse subsea route to the world''s major data hubs, complementing the country''s current international connectivity and

Deep Blue One links French Guiana, Suriname, Guyana, T&T

Digicel Group announced the activation of its subsea fibre cable, Deep Blue One, linking the Caribbean and South America with landings in French Guiana, Suriname, Guyana and Trinidad

Digicel''s Deep Blue One subsea fibre cable goes live

The Digicel Group has announced the activation of its subsea fibre cable, Deep Blue One- a significant investment in international submarine capacity that will supercharge connectivity across

DeepBlue

Discover how we are leading the way in enhancing global communications with the launch of our pioneering DeepBlue One submarine fibre network, connecting Guyana, Suriname and Trinidad &

Bellcom Suriname

Our diverse product portfolio ranging from Fiber Cabling, Patch Cords and Accessories, to ServerCabinets and Copper Cable, allow us to help you see your project through from start to finish.

Suriname Optical Cable Export

Brazil Exports of optical fibres, optical fibre bundles and cables to Suriname was US$307 during 2023, according to the United Nations COMTRADE database on international trade.

Fiber Optic & Cable Standards Guide | FiberMania

Fiber optic networks are built on well-defined standards that ensure quality, performance, and interoperability. This article explains eight of the most

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

ABC FIBER NV

ABC FIBER NV | 151 followers on LinkedIn. ABC FIBER NV is a company in Suriname that specializes in the deployment of optical fiber connections. | ABC FIBER is a Surinamese company that

Digicel, France''s 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

Submarine Cable Map | Interactive Global Undersea Cables

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

Telesur joins forces with EllaLink on its new Caribbean Gateway project

PARAMARIBO, Suriname and DUBLIN, May 07, 2026 (GLOBE NEWSWIRE) -- Telesur (Telecommunicatiebedrijf Suriname) and EllaLink Ireland Limited today announced the signature of a

EllaLink to extend subsea cable to Suriname

Subsea fiber firm EllaLink to deploy a cable to Suriname. EllaLink and Suriname telco Telesur this week announced they had signed a letter of intent (LOI) to see Suriname become the

Digicel''s undersea fiber optic cable, Deep Blue One, is now in service

Digicel Group has commissioned its undersea fiber optic cable, Deep Blue One. This significant investment in international submarine capacity will greatly improve connectivity in the

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

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Contact Us

Continue your research online:

Website: https://alfa-pro.co.za
Technical inquiry: https://alfa-pro.co.za/contact.html

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

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved