# Fiji Telecom Fiber Optic Cable



## Overview

We are known for our knowledge of and experience with Fibre Optic Cabling networks. We have highly trained staff and are experts in the design and implementation of fibre networks.

## Key Takeaways

Telecom Fiji is developing a high-capacity terrestrial fiber optic link connecting key international cable landing stations to enhance national and regional connectivity.

### Strategic Fiber Link Project

Telecom Fiji, in partnership with Google, has signed a strategic agreement to design, build, and maintain a terrestrial fiber optic link connecting FINTEL's international cable landing station in Vatuwaqa to Google's ICT facility in Natadola on Fiji's main island, Viti Levu. This high-capacity link runs along the Queens Highway corridor, ensuring seamless high-speed data transmission between the two sites. The project is part of the Pacific Connect initiative, aimed at improving connectivity reliability, resilience, and scalability across the Pacific region.

Telecom Fiji is responsible for constructing the fiber route, providing ongoing maintenance, operational support, and ensuring compliance with international standards and security best practices. The link interconnects the Bulikula and Tabua subsea cable systems, which land at Natadola and Vatuwaqa, enhancing continuity, speed, and efficiency in both local and regional data transmission.



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### Residential Fiber Services

Telecom Fiji also offers home fiber broadband services, providing ultra-fast speeds of up to 1 Gbps for downloads and uploads. This service supports streaming, gaming, video calls, and Wi-Fi sharing across multiple devices within homes, making it Fiji's first and only home fiber broadband offering.

### Market and Industry Outlook

The Fiji fiber optic cable market is expanding, with applications across telecommunications, networking, IT and data centers, broadcast, power utilities, medical, and industrial sectors. The market includes single-mode and multi-mode fibers, as well as glass and plastic fiber types, reflecting growing demand for high-speed, reliable connectivity. Market analysis indicates strong potential for regional expansion and export opportunities, driven by increasing digital infrastructure needs and strategic investments like the Telecom Fiji–Google partnership.

### Key Benefits

Enhanced national connectivity: Linking major cable landing stations ensures faster and more reliable data transmission. Regional integration: Supports Pacific-wide connectivity initiatives. High-speed residential access: Enables ultra-fast broadband for homes and businesses.

Scalability and resilience: Designed to accommodate future growth and maintain network uptime. Telecom Fiji's fiber optic initiatives represent a significant step in modernizing Fiji's digital infrastructure, supporting both domestic users and regional connectivity objectives.

## Article Content

Datec Fiji

Whatever your intended use for the fibre, the characteristics, losses and bandwidth are critical to the success of your fibre network, and we can guide you to the

Telecom Fiji Advances Fibre Optics Project in Vanualevu

Telecom Fiji commemorated a significant milestone today with the groundbreaking ceremony for Phase 2 of its Fibre Optics Northern Project, held

Services

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Telecom Fiji, Google link up for fiber optic deal – FBC News

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Telecom Fiji and Google have signed a landmark agreement to design, build, and maintain a terrestrial fibre optic link connecting FINTEL''s international cable landing station in

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The fibre-optic cables to be laid from Seaqaqa to Savusavu will have a capacity of100 gigabits per second, according to Telecom Fiji chief executive officer Charles Goundar. At the

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Datec (Fiji) PTE LTD has established itself as a major installer of telecommunications cabling and services. We specialise in fibre optic infrastructure (both internal and external) for all applications.

Telecom Fiji unveils 100Gbps fiber optic cable project

The fibre-optic cables to be laid from Seaqaqa to Savusavu will have a capacity of100 gigabits per second, according to Telecom Fiji chief executive officer Charles Goundar. At the groundbreaking of

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

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