

## Article Overview

The cost of optical fiber cables in Tonga varies widely, from project-level investments of tens of millions of dollars for submarine and domestic extensions to import values of around \$121,550 for smaller cable shipments.

## Submarine Cable Costs

The Tonga-Fiji Submarine Cable System, commissioned in 2013, cost approximately \$32.8 million USD, financed by the Asian Development Bank (\$9.7 million), the World Bank (\$16.5 million), and the Tongan government (\$6.6 million) for the 827 km international link . Installation was completed under a turnkey contract initially valued at \$18.8 million, which later increased to \$21.4 million to cover additional equipment . This cable significantly improved internet capacity, reduced latency, and lowered wholesale prices per megabit .

## Domestic Cable Extensions

Following the international link, Tonga extended the cable domestically to Vava'u (348 km) and Ha'apai (58 km) at a total cost of about \$11 million USD. Funding included government contributions and a partial sale of Tonga Cable Limited shares to Digicel Tonga for \$4.2 million . These extensions were supplied by ASN and became operational in 2018.

## Import Values

For smaller-scale imports, Tonga imported optical fiber cables valued at \$121,550 USD in 2023, sourced mainly from Australia (\$69,980), New Zealand (\$48,460), and minor amounts from China, Hong Kong, and Fiji . This reflects the cost of commercially available fiber optic cables for local projects or replacements.

## Summary

- o International submarine cable (827 km): ~\$32.8 million USD
  - o Domestic extensions (406 km): ~\$11 million USD
  - o Small-scale imports (2023): ~\$121,550 USD
- The price of optical fiber cables in Tonga depends heavily on the scale of the project, whether it is a large submarine system, domestic extension, or smaller commercial imports. For precise procurement or retail pricing, contacting Tonga Cable Limited or local suppliers is recommended .



# Tonga Optical Cable Price Inquiry

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

Visit Cable Map Length of the Cable: 827 km

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6Wresearch actively monitors the Tonga Optical Fiber Cables Market and publishes its comprehensive annual report, highlighting

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3. Once the submarine cable is operational and supported by an adequate regulatory framework, it will greatly reduce international

Connectivity from the main island of Tongatapu to outer islands via microwave connectivity is improving the data speeds accessible

Find the latest exports, imports and tariffs for Optical fibres and cables trade in Tonga.

The South Pacific archipelago of Tonga could spend days, or even weeks, cut off from the rest of world because of

Tonga is among the most remote countries in the world, with a population spread across dozens of small islands. The World Bank is

Tonga Cable is a public telecommunications carrier that manages submarine fibre optic infrastructure and wholesale connectivity

The Tonga-Fiji Submarine Cable Project will support the development and operation of a submarine fiber optic communication cable

Connect with businesses actively looking to buy wholesale Tonga Optical Cable Spare Cable Manufacturer at best prices.

Yvonne Yong explains how a single fibre optic cable connected Tonga to the rest of the world.



## Tonga Optical Cable Price Inquiry

Tonga's broken international submarine fibre optic cable should be fixed by midday tomorrow, if all goes to plan, according to the

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