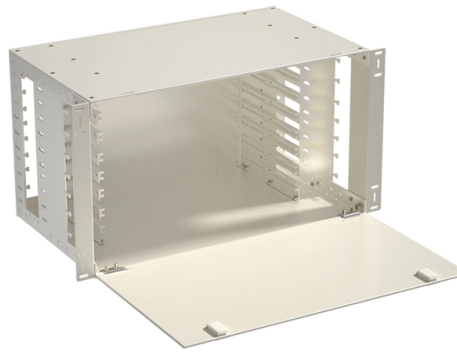


# Papua New Guinea High-Speed Optical Connectivity 1G



## Overview

The 4700 km Coral Sea Cable System is a 40Tbps submarine fibre optic cable that brings next-generation connectivity to the people of Papua New Guinea and Solomon Islands. It directly connects Port Moresby in PNG and Honiara in the Solomon Islands to the global internet hub of Sydney Australia. The Coral Sea Cable System (CS 2) will deliver faster, cheaper and more reliable communications. LINK-PP LS-BL55491G-A6C SFP 1G BiDi Simplex LC/UPC Optical Transceiver Module (SMF, 1550nm-TX/1490nm-RX, 160km, DOM) The LS-BL55491G-A6C SFP transceivers are high performance, cost effective modules supporting data rate of 1.25Gbps and 160km transmission distance with SMF. The project also includes a Solomon Islands Domestic Network (SIDN), a 730 km submarine. As Papua New Guinea continues its digital transformation, GPON (Gigabit Passive Optical Network) presents a powerful opportunity to bridge the connectivity gap between urban and rural communities. With its ability to deliver high-speed, reliable internet over a single fiber infrastructure, GPON. PNG DataCo Limited (PNG DataCo) announced in October the successful upgrade of 100Gbps capacity on the PPC-1 (PIPE Pacific Cable 1) cable system, and the PPC-1 is now available with 200Gbps capacity connecting Papua New Guinea. PNG DataCo has upgraded its Internet Gateway (IGW) and migrated traffic.

## Article Content

Pacific Connectivity Papua New Guinea

Papua New Guinea is one of the most geographically diverse countries, with communities spread across mountains, islands, and remote regions. Traditional infrastructure often falls short, making

Digital & Connectivity Indicators

Papua New Guinea: The \*G network coverage in Papua New Guinea is estimated to amount \*\*\*\*\*% in \*\*\*\*. The Digital & Connectivity Indicators refer to the various technology-related and digital ...

Country submission PNG

Telikom's PPC--1 Pipe Cable System is a fibre--optic under--sea direct cable link that has a total capacity of 10Gbps and connects Madang to Guam and Madang to Sydney. It offers a more

Papua New Guinea LS-BL55491G-A6C SFP 1G BiDi 1550nm

LINK-PP LS-BL55491G-A6C SFP 1G BiDi Simplex LC/UPC Optical Transceiver Module (SMF, 1550nm-TX/1490nm-RX, 160km, DOM) The LS-BL55491G-A6C SFP transceivers are high performance, cost

The Coral Sea Cable System: supporting the future

Work is underway to lay high speed telecommunication cables from Australia to Papua New Guinea and Solomon Islands, including a domestic network

The System — Coral Sea Cable Company

The 4700 km Coral Sea Cable System is a 40Tbps submarine fibre optic cable

Papua New Guinea's national broadband network

The dream of high speed broadband in Papua New Guinea has taken a step closer, with the completion of a fibre-optic cable connecting Gulf Province

Coral Sea Cable System

The Coral Sea Cable System (CS2) is a 4700 kilometre-long fibre optic submarine telecommunications cable that links both Papua New Guinea

PNG DataCo - Yes, you'll be covered!

Here to drive Connectivity and Digital Solutions in Papua New Guinea. We guarantee high-quality customer support service with high-speed

Pacific Connectivity Papua New Guinea

Cetelnet, a connectivity leader in the Pacific, provides Papua New Guinea with innovative solutions that overcome geographic challenges, strengthen networks, and enable seamless connections.

#### Country Report for Papua New Guinea

Papua New Guinea received a security preparedness score of 62.75 on the 2024 Global Cybersecurity Index. Its e-government system readiness score is 30.76. Approximately 19% of the

#### GPON bridges connectivity gap in Papua New Guinea

With its ability to deliver high-speed, reliable internet over a single fiber infrastructure, GPON enables cost-effective deployment of broadband at scale—something critical for a...

#### PNG DataCo Upgrades 100Gbps on PPC-1 Cable System

The newly implemented 100Gbps link now provides significantly improved internet access from Papua New Guinea to Australia via the PPC-1

#### Papua New Guinea: Opening the IT gates

After almost two years of delay, Port Moresby is preparing for its imminent connection to Papua New Guinea's (PNG's) 10 gigabyte per second (GBps) fibre-optic gateway in Madang. Connected via a

#### Digital Economy Report Pacific Edition 2022: Chapter II

Digital infrastructure and ICT use in the Pacific Digital infrastructure lies at the core of the digital economy. While there is no widely accepted definition of the concept of digital infrastructure

#### PNG Announces USD \$120 Million Pukpuk Connectivity

The Acting Minister for Information and Communications Technology, Hon. Peter Tsiamalili Jr., has officially announced the USD \$120 million Pukpuk

#### Papua New Guinea: ICT communication breakdown

The information and communications technology (ICT) regulator for Papua New Guinea (PNG) has recommended the principal fibre-optic connection be made available to all internet service providers

#### New cable system to increase internet access and

Over 4,700km of cable will be laid on the ocean floor from Port Moresby to Honiara and Sydney, with work to be completed in late 2019. The underwater fibre optic

Full article: Tenuous Connectivity: Time, Citizenship, and ...

## Tenuous Connectivity: Time, Citizenship, and Infrastructure in a Papua New Guinea Telecommunications Network

### Coral Sea Cable System

The Coral Sea Cable System (CS2) is a 4700 kilometre-long fibre

### East Coast Group Ltd

East Coast NetLink provides fiber optics connectivity solutions for businesses and organizations in Papua New Guinea. We offer high-speed, reliable and secure internet access, data transmission and

A First for Papua New Guinea's Connectivity.

As Papua New Guinea's connectivity landscape evolves, TE PNG remains committed to delivering compliant, enterprise-grade solutions that enable organisations to operate, grow, and

What is driving enhanced ICT services in Papua New Guinea?

The laying of two subsea fibre-optic cables - one international and one domestic - are among the recent and promising ICT developments in Papua New Guinea. There is optimism that these will help

Papua New Guinea's broadband network "on track", but

The creation of Papua New Guinea's K685 million (US\$313 million) National Transmission Network (NTN) aims to provide fast and reliable

## Contact Us

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