

# Length of South Asia Telecommunications Optical Cable



## Overview

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 mi; 15,119 nmi) fibre optic mostly- submarine communications cable that connects the United Kingdom, Japan, India, and many places in between. The Submarine Cable Map is a free and regularly updated resource from TeleGeography. The Myanmar/Malaysia India Singapore Transit (MIST) cable system has a total length of 8,100km, connecting Singapore, Malaysia, Myanmar, Thailand, India (Mumbai and Chennai). The cable is operated by Global Cloud Xchange, a former subsidiary of RCOM. Tokyo, Japan, 18 July, 2025—KDDI and the SJC2 consortium, announced today with NEC Corporation the completion of construction and the start of operations for the Southeast Asia-Japan Cable 2 (SJC2). Today's cables typically consist of optical fibers that carry information. These fibers are then covered in silicon gel and sheathed in various layers of plastic, steel wiring. The cable will run between Singapore, Myanmar and India, with the largest cable capacity of 240Tbps London, UK - 13 December 2019 - NTT Ltd.



## Article Content

### SJC2 Subsea Cable is Finally Operational

SJC2's main trunk links Singapore, Hong Kong China, and Japan, with additional branches covering other key Asia-Pacific countries and regions.

### THE GEOPOLITICS OF SUBSEA DATA CABLES Subsea Communication Cables

This paper begins with an explanation of why subsea communication cables (hereafter cables) are important to Southeast Asia and how the region is a critical node in the World Wide Web of cables.

### Fibre-optic Link Around the Globe

OverviewDescriptionSegments and landing pointsDisruptionsGCHQ interceptionSee also

Fibre-optic Link Around the Globe (FLAG) is a 28,000-kilometre-long (17,398 mi; 15,119 nmi) fibre optic mostly-submarine communications cable that connects the United Kingdom, Japan, India, and many places in between. The cable is operated by Global Cloud Xchange, a subsidiary of RCOM. The system runs from the eastern coast of North America to Japan. Its Europe-Asia segment was the fourth longest cable in the world in 2008.

### Asia Direct Cable: Case Studies | NEC

NEC has over 50 years of experience in optical submarine cables and has constructed some of the largest cable networks in service today. In total, it has

### South-East Asia Japan Cable (SJC) System Overview

The South-East Asia Japan Cable System (SJC) is a consortium Intra-Asia submarine cable system linking up to 8 countries / territories in Asia. The SJC

### OLL and NEC Launch MIST Cable System Construction

Construction of the nearly 8,100-kilometer optical submarine cable is targeted to be completed by the third quarter of FY2022. The Asia region has

### NTT Ltd. starts construction of the optical submarine cable

The MIST cable system will have a total length of 11,000km, connecting Singapore, Myanmar and India, and will include capacity for future

### Submarine Cable Map

TeleGeography's comprehensive and regularly updated interactive map of the world's major submarine cable systems and landing stations.

### Handbook Optical fibres, cables and systems

The first ITU-T Handbook related to optical fibres, Optical Fibres for Telecommunications, was published in 1984, and several others have been produced over the years. It is an honour to present you with

### E2A Consortium Unveils Next-Generation Submarine

The E2A consortium is pleased to announce the start of construction for the new submarine cable system, E2A. The consortium has selected ASN to

### Asia-Pacific's Fiber Frontier: A High-Speed Adventure to

As the demand for fast data transmission and reliable connectivity grows, the utilization of undersea fiber optic cables is expected to rise, driving

### Submarine Cable Map

The cable also features branches to Madeira and Cape Verde. Malbec may not have an inky dark color and robust tannins, but it will link two landing points in Brazil to

### Fiber Optic Communication Surge in Southeast Asia:

Explore the rise in fiber optic demand in Southeast Asia, driven by 5G, cloud, and digital transformation, with HTF leading the way.

### Internet Infrastructure Map (2026)

Explore the physical backbone of the internet with our interactive map of undersea fiber optic cables, peering exchange points, and more.

### SJC2 optical submarine cable in operation | KDDI News

Constructed by NEC, the cable spans a total length of approximately 10,500 kilometers and employs the latest optical wavelength division multiplexing

### A Study on Cost-Benefit Analysis of Fibre-Optic Co-Deployment

FOC GDP GI HDPE ICT IEC ITU ODF OTDR PPP SCD SMP Asian Highway Asia-Pacific Information Superhighway Association of Southeast Asian Nations Cambodia, Lao PDR, Myanmar and Viet Nam

### Fiber Map of the World 2026

Fiber maps visualize the global network of fiber optic cables, showcasing how data moves across continents and under oceans. Telecommunications providers rely on these maps to optimize routing,

### Asia Pacific Fiber Optics Market Size | Industry Report,

Asia Pacific Fiber Optics Market Trends The Asia Pacific fiber optics market size was estimated at USD 3.04 billion in 2024 and is projected to grow at a CAGR of 8.8%

### NTT Ltd. to Commence Construction of the Optical

The MIST cable system will have a total length of 11,000km, connecting Singapore, Myanmar and India, and will include capacity for future

#### Asia-Pacific Region: Submarine Cables

This visualization shows the network of submarine cables in the Asia-Pacific region, which includes over 400 active cables. Submarine cables are long underwater fiber-optic lines, some stretching more

#### Topic: Telecommunications industry in the Asia-Pacific

In a fast-paced, technologically ambitious climate, the telecommunications industry stands in the foreground as one of the vital industries of the 21st century.

#### The Case for More (and More) Cables in Southeast Asia

The Case for More (and More) Cables in Southeast Asia The Case for More (and More) Cables in Southeast Asia Southeast Asia's strategic location amid major, surrounding waterways means that

#### SJC2 Subsea Cable is Finally Operational

Constructed by NEC, the SJC2 cable spans a total length of approximately 10,500 kilometers and employs the latest optical wavelength

#### APAC fiber deployment expands with national policies, telco strategies

Government-led broadband projects across markets in the Asia-Pacific region have reaped the fruits of success in recent years as optical fiber networks reach most households.

#### Asia-Pacific Fiber Optic Cable Market Size, Growth Trends ...

The Asia-Pacific fiber optic cable market is experiencing rapid growth, driven by increasing internet penetration, expanding 5G infrastructure, and the rising demand for high-speed

#### Asia-Pacific Fiber Optic Cable Market Size & Competitors

The Asia-Pacific fiber optic cable market was valued at \$6.45 billion in 2023, and it is expected to grow at a CAGR of 10.62% and reach \$16.00 billion by 2032. A major

#### List of international submarine communications cables

This is a list of international submarine communications cables. It does not include domestic cable systems, such as those on the coastlines of Japan, Italy, and

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://buglerdental.co.za>

Email: [sales@buglerdental.co.za](mailto:sales@buglerdental.co.za)

Phone: +27 71 549 2836

Address: 22 Impala Crescent, Waterfall Business Estate, Midrand, 1685, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

