

International Optical Cable Routes



Overview

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable routes, landing stations, system status and infrastructure updates. Use the controls at the top to play the animation or step through year by year. Show me range to terrestrial fiber nodes on the map?

Is the ITU building in Geneva Switzerland within 10 km of a fibre node?

Start measuring on the map to see calculations here. " Physical glass cables on the ocean floor carry the bulk of intercontinental traffic—which is why chokepoints and cable cuts can slow (or sometimes partially disrupt) entire regions. This data is provided for visualisation of the current existing fibre optics cable network in Sight Africa.



Article Content

Oct 02, 2025

How the Internet Travels Across Oceans

The cables begin as a cluster of strands of tiny threads of glass fibers. Lasers propel data down the threads at nearly the speed of light, using fiber-optic

May 10, 2026

Analysis of Engineering and Geological Conditions of

Additionally, the geological engineering conditions of the international optical cable routing in the East China Sea area will be analyzed based on the

Feb 01, 2026

The World Fiber Internet Availability Map

Explore The World Fiber internet availability and speeds. See where The World Fiber offers service and compare fiber, cable, and DSL options.

Oct 07, 2025

Empowering Connectivity through Broadband Mapping

Explore the Map Broadband Maps A GIS tool aiming at helping to address connectivity gaps and enhance affordability and resilience strategies. It offers

Feb 05, 2026

World Internet Cable Map: How the Internet Connects

See the world internet cable map and learn how global internet connections actually work. Updated visuals show undersea cables, chokepoints, Africa's expansion,

Dec 14, 2025

Visualizing the Internet (2025)

An all-new interactive map of the Internet, showing the evolution of undersea cables and internet exchanges with year-by-year animation and

Oct 07, 2025

Undersea cables are the unseen backbone of the global

These cables are the backbone of the global internet, carrying the bulk of international communications, including email, webpages and video calls.

Apr 21, 2026

Fibre-optic Link Around the Globe

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

Oct 09, 2025

Our Network | Global Network Internet & Fiber Maps | Zayo

Find core wavelength, long haul dark fiber, & IP network maps across the U.S.A. & world.

Apr 24, 2026

Global submarine cable systems

TELECOMMUNICATIONS CABLES TeleGeography's interactive submarine cable map shows the majority of active and planned international

Jun 21, 2026

Invisible highways: The vast network of undersea cables powering our ...

Relatively thin and roughly the width of a garden hose, these cables stretch for around 1.7 million kilometres – long enough to wrap around the Earth several times. To lay them, the seabed is

Jul 22, 2025

Chinese International Optical Cable Interconnection and ...

Submarine Optical Cables Vital for International Communications The earth's geography necessitates submarine optical cables for effective international communications. No land routes between

Jun 05, 2026

Global Optical Fiber Network

This data is provided for visualisation of the current existing fibre optics cable network in Sight Africa. Cables shown on include international submarine cables with a maximum upgradeable

Mar 26, 2026

How the Internet Connects Across Countries and

Over 99% of international internet traffic flows through undersea fiber optic cables. These cables are laid on the ocean floor and connect continents like

May 09, 2026

Iran lawmaker calls for annual fees on fiber-optic cables crossing ...

Countries should pay Iran annual fees for fiber-optic cables that pass beneath the Strait of Hormuz, an Iranian lawmaker said, saying that hundreds of billions of dollars in financial transactions

Oct 09, 2025

Twenty-thousand leagues under the sea - why sub-sea

Nearly all international internet traffic voyages along a handful of submarine fibre-optic cable highways. They make terrestrial cross-border links

Feb 04, 2026

Mapping the global submarine fibre-optic cable network

Today, an entire network of fibre-optic cables connects almost every corner of the world, enabling the hyper-connected world that many of us take for granted.

Apr 10, 2026

Visualizing the Internet (2024)

From route selection, cable manufacturing, and specialized cable-laying ships; it's all incredible. Even more normal aspects of fiber optic cables like

Jun 25, 2026

Submarine Cable Map 2025

Driven by the dedication of its top-notch professionals who tirelessly work to enhance the company's international infrastructure, and a history dating back about 170

Jan 26, 2026

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,

Jan 27, 2026

Submarine Cable Map

Cables shown include international and US domestic submarine cables with a maximum upgradeable capacity of at least 5 Gbps. Cable routes are

Oct 27, 2025

Interactive Map Depicts Global Submarine Cable

This regularly updated interactive map shows submarine fiber-optic cable systems around the world, both current and planned. It also provides

Aug 08, 2025

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. Visualize the growth of

Jan 19, 2026

Submarine Cable Map | Interactive Global Undersea

This interactive submarine cable map shows global undersea and underwater fiber optic cables connecting continents and countries worldwide. Explore cable

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