

Global Internet Fiber Optic Cable Route Map



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. Analyze network nodes within a 10 km radius using. This page is designed to answer a simple question: what does the world internet cable map actually look like, and how do those connections work in real life?

Map 1 is the modern world internet cable map (today's backbone). It is the community's best and freely accessible tool that allows engineers, carriers, data center operators, business development executives and other stakeholders to navigate the Internet's.



Article Content

Aug 17, 2025

How Does Fiber Optic Internet Work? | T-Mobile

How does fiber internet work to keep you seamlessly connected? We'll unravel cutting-edge technology that brings data at the speed of light into your

Jan 21, 2026

Submarine communications cable

7 - Petroleum jelly 8 - Optical fibers Submarine cables are laid using special cable layer ships, such as the modern René Descartes , operated by Orange Marine.

Sep 22, 2025

Internet backbone - what is it? | Arelion

The Internet backbone ensures global connectivity by interconnecting major networks through high-capacity fiber-optic cables and high-performance routers.

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Pvc Fiber Optic Cable Market Trends And Opportunities In Belgium ...

Russia's PVC Fiber Optic Cable Market is experiencing steady growth driven by government infrastructure projects, expanding digital services, and increasing investments in

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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

Feb 09, 2026

Open Infrastructure Map

Open map of the world's electricity, telecoms, oil, and gas infrastructure, using data from OpenStreetMap.

Oct 25, 2025

This map shows how undersea cables move internet

Have you ever wondered how internet traffic flies around the world? 99% of it travels through cables under the sea.

Mar 31, 2026

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.

Jun 15, 2026

Learn about the best infrastructure map of the internet

Detailed maps of more than 100 terrestrial fiber networks throughout the world owned and operated by local and national telecom operators and international backbone

Mar 08, 2026

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

Dec 09, 2025

Interactive Fiber Optic Network Map

This map displays the vast network of undersea cables that power the global internet. These fiber optic lines connect continents and are the backbone of international communication.

May 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

Jun 13, 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,

Dec 02, 2025

HMS Networks

HMS creates products that enable industrial equipment to communicate and share information with software and systems. In short: Hardware Meets Software™.

Feb 15, 2026

The greatest network the world has ever seen: The

The backbone of the internet is a series of undersea fibre-optic cables linking national telecoms networks. Often owned by companies or consortia of

Jan 26, 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.

Jul 11, 2025

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,

Nov 24, 2025

Fiber Atlantic

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

Jan 05, 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

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