Topographic map of optical fiber cables

Overview

Explore our fibre-optic grid with our interactive map: Zoom into the map in seven steps (zoom levels) to view the route in detail or search directly for your location using the search function. Filter by city connections, districts and fibre-optic routes. Did we pique. This visualization shows the growth of the undersea cable network, global internet peering capacity, and the distribution of IP addresses via BGP announcements over time. Use the controls at the top to play the animation or step through year by year. For more details and insights, please read this. Ask about ICT infrastructure, broadband data, or interact with the map. Cables shown on include international submarine cables with a maximum. Submarine and terrestrial fiber optic cables form the backbone of modern global communication, carrying data across continents at incredible speeds. 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.

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Article Content

Dec 05, 2025

Fiber Optic Gulf (FOG) Submarine Cable | Capacity, Route, Landing ...

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

May 02, 2026

A map of all the underwater cables that connect the

Their importance and proliferation inspired Telegeography to make this vintage-inspired map of the cables that connect the internet.

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Wired World: 35 Years of Submarine Cables in One Map

By the mid-1980s, long distance fiber optic cables had finally reached the feasibility stage. Crossing the Pond The first intercontinental fiber optic cable

Aug 13, 2025

Map reveals the 113,000 miles of cable that power

Computer science Professor Paul Barford and a team of researchers published the first publicly available map of the US''s long-haul fiber-optic cable

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With one language: Map of fiber optic lines on land planned

If you look at websites such as the Submarine Cable Map, you can quickly see how the continents are connected by submarine cable – and where

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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

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Submarine Cable Map 2023

New Builds Europe, Africa, and the Middle East These regions are all experiencing a surge in new submarine cables. Projects such as Equiano and 2Africa are

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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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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

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Global Internet & Submarine Cables Map

Submarine cables are vital components of the global telecommunications infrastructure, consisting of fiber-optic cables laid on the

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Fiber Internet Availability Map

Fiber Internet Availability Map This map shows where fiber internet service is available across the United States from all providers. Use the map controls to

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Submarine Cable Map

New Builds Africa & Middle East Africa is the home to one of the longest cables ever planned— 2Africa. This 37,000 kilometer cable will connect 16 countries in Africa

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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

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How To Find Buried Fiber Optic Cable

How To Find Buried Fiber Optic Cable: A Comprehensive Guide Fiber optic cables are critical components of modern communication infrastructure, often buried underground for protection

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Interactive map

Explore our fibre-optic grid with our interactive map: Zoom into the map in seven steps (zoom levels) to view the route in detail or search directly for your location using the search function.

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Learn about the best infrastructure map of the internet

View information about key internet infrastructures including fiber optic submarine cable systems, terrestrial fiber networks, internet exchange points and data

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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,

Mar 19, 2026

Map Shows All The Fibre Optic Cables Under The

Map shows all the underwater fiber optic cables that crisscross the planet earth.

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Interactive Map of Submarine (underwater)

These paths are chosen after comprehensive marine surveys that select routes to avoid hazardous conditions, which could potentially damage a cable. How do

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Fibre network mapping: a comprehensive guide

What is fibre network mapping? Fibre network mapping is a critical process in the planning, deployment, and management of fibre optic networks. It involves

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Interactive Map Depicts Global Submarine Cable Networks

Submarine Cable Almanac, the industry did not have access to a comprehensive map depicting important information about submarine cable networks. This regularly updated interactive map shows

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Map and perspective view of the seafloor MEUST

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Map and perspective view of the seafloor MEUST-NUMerEnv cable The optic fiber cable offshore Toulon, France, shown in a map view and b 3D view. The 41.5 km

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Global Fiber-Optic Internet Cables Map

Since the 1850s, we''ve been laying cables across oceans to become better connected. Today, there are hundreds of thousands of miles of fiber optic

Sep 15, 2025

Submarine Cable Map of the World (Source:

To identify the points of digital divide between territories, the world map of submarine optical fiber cables for digital data transmission is presented in Figure 1 (Halog et

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