

External Optical Cable Distribution Map



Overview

OpenFiberMap aggregates open-licensed datasets (AfTerFibre, OFDS, PeeringDB, and others) into a single interactive globe, visualizing routes by capacity tier, operational status, and operator. 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. RAG-powered chatbot with access to ICT infrastructure research documents, proximity. Submarine and terrestrial fiber optic cables form the backbone of modern global communication, carrying data across continents at incredible speeds. Colocation facility housing servers, routers, and cross-connects for multiple operators. An interactive platform for exploring the global submarine cable network. Hover any result to highlight it on the map.



Article Content

The FOA Reference For Fiber Optics

Fiber Optic Network Design Jump To: The Communications System Cabling Design
Choosing Transmission Equipment Planning The Route Choosing Components

Learn about the best infrastructure map of the internet

Infrapedia is the most complete and versatile interactive infrastructure map of the Internet. It is the community's best and freely accessible tool that allows

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

OpenFiberMap — Global Fiber Optic Network Map

Free, open-source, interactive 3D map of the world's terrestrial fiber optic networks. Browse routes, IXPs, data centers, and landing stations globally.

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

Fiber Map of the World 2026

Fiber maps indicate network density, helping enterprises choose data center locations that align with their performance requirements. Streaming Services: Platforms like Netflix and rely on fiber

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

Submarine Cable Map

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

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,

Open Infrastructure Map

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

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 detailed statistics.

Submarine Cable Map | Interactive Global Undersea Cables

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

Distribution Map Of Submarine Cables In The World

The transmission speed of each group of optical cables can reach 640Gbps, the total capacity is 2.56Tbps, and it adopts a self-healing ring network

Level 3 (Lumen) submarine cables | Interactive Map & Status

This interactive submarine cable map shows the global undersea fiber optic cables connecting world. Explore cable routes, landing stations and system status. Learn more about Level 3 (Lumen).

Submarine Cable Map

Submarine Cable Map TeleGeography's submarine cable map is based on our authoritative Global Bandwidth research and depicts international active and

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 global connectivity.

Submarine Cable Map

Interactive map of submarine cable landing points worldwide. Explore connectivity, resilience, and topology of the global undersea cable network.

Submarine Cable Map 2024

Submarine Cable Map 2024 This new edition depicts 559 cable systems and 1,636 landings that are currently active or under construction. Explore the map

World Internet Cable Map: How the Internet Connects the World (2026)

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

Visualizing the Internet (2024)

Visualizing the Internet (2024) Map of the Internet including undersea cables and internet exchanges. This post is part of the internet-map series. I

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

Contact Us

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

Website: <https://www.introspec.co.za>

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeeck Street, Cape Town, 8001, South Africa

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