

Preview

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. Colocation facility housing servers, routers, and cross-connects for multiple operators. Point of Presence --. The Submarine Cable Map is a free and regularly updated resource from TeleGeography. Analyze network nodes within a 10 km radius using our automated API service. IXP and Peering facility data is provided by PeeringDB. " 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.

Watch the explosive growth of the global submarine cable network, and learn who's funding the next generation of cables.

To identify the points of digital divide between territories, the world map of submarine optical fiber cables for digital data transmission

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

View information about key internet infrastructures including fiber optic submarine cable systems, terrestrial fiber networks, internet

Leveraging its strategic geographical location at the crossroads of the world, and extensive coastlines along the Red Sea (1,941 km)

This regularly updated interactive map shows submarine fiber-optic cable systems around the world, both current and

A practical guide to undersea fiber-optic cables, global internet routes, risks, costs, resilience, and business planning.

Fiber maps visualize the global network of fiber optic cables, showcasing how data moves across continents and under oceans.

Nodes Undersea networks remove_red_eye Submarine cables POPULATION remove_red_eye Population density

Geographical location of optical cables

Submarine Cable 101 How many cables are there? As of 2026, we track more than 600 active and planned submarine cables. The

The Submarine Cable Map is a free and regularly updated resource from TeleGeography. TeleGeography's

Interactive map of 700+ submarine cables worldwide - explore routes, landing points, owners, year of service and length. Click any

The Structure and Importance of Undersea Cable Infrastructure Undersea fiber-optic cables form the foundations of

As was the case in the 19th century, submarine cables are laid by ships and thus capital-intensive projects. The development of fiber

Start measuring on the map to see calculations here. Analyze network nodes within a 10 km radius using our automated API service.

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

Web: <https://supremeacademicresearch.co.za>

