

Fiber Optic Cable Database



Overview

Recognizing that many users find standards information to be confusing, hard to find and difficult to stay up to date on changes, the TIA's Fiber Optics Technology Consortium (FOTC) has created the FOTC Standards Explorer, a free online database that serves as a resource for anyone. Recognizing that many users find standards information to be confusing, hard to find and difficult to stay up to date on changes, the TIA's Fiber Optics Technology Consortium (FOTC) has created the FOTC Standards Explorer, a free online database that serves as a resource for anyone. 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. 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. As one of the leading fiber location databases, FiberLocator conveniently provides you with detailed maps and information on hundreds of carriers, thousands of data centers and hundreds of thousands of on-net buildings to quickly grow and scale your business. 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

Telecommunications Infrastructure (Fiber Optic Cables & More)

Our dataset covers over 500,000 miles of fiber optic cables across North America, managed by approximately 400 companies. Each fiber optic cable is digitized with high accuracy, often achieving ...

Data — InfraNav

InfraNav is known for its extensive digital infrastructure databases, including but not limited to terrestrial fiber optic networks and data centers, which we develop and maintain in-house.

Fiber Data | Lit Buildings | Data Centers | Fiber Maps

FiberLocator gives you access to fiber maps and high quality fiber location data from over 1,000 carriers.

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.

Discover the Free FOTC Standards Explorer Database

It includes an unparalleled collection of pertinent application summary information (e.g., speed, reach and number of fibers), network interface descriptions, optical fiber cabling characteristics, and key ...

Learn about the best infrastructure map of the internet | Infrapedia

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

GeoTel | Fiber Maps and Telecom Data

GeoTel is a trusted resource of fiber maps and telecom datasets for infrastructure developers, government agencies, and various organizations looking to leverage accurate and up-to-date data ...

Cable Mapping

The fiber optic data collection forms are used to summarize mapping data for fiber conduits, cable lengths, slack loop locations and lengths, jumper terminations and fiber splicing to allow the cable ...

Contact Us

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