

Location of fiber optic cable break points on map



Overview

Free, open-source, interactive 3D map of the world's terrestrial fiber optic networks. Terrestrial fiber infrastructure — the backbone routes, conduits, and peering points that carry internet traffic across continents — has no unified public map. Browse all 708 submarine cables alphabetically. This visualization tracks the historical evolution of the undersea cable network, global internet peering capacity, and IP allocation dynamics over time. IXP and Peering facility data is provided by PeeringDB. Unlike connector contamination or splice degradation, a fiber break creates a physical discontinuity that prevents light from propagating normally through the fiber. Analyze network nodes within a 10 km radius using our automated API service. RAG-powered chatbot with. Residential and mixed-use broadband serviceable locations that are receiving no service or are receiving speeds below 25 Megabits per second (Mbps) download and 3 Mbps upload. These locations are considered either “Eligible” (Less than 25/3 Mbps) or “Priority Eligible” (Less than 10/1 Mbps) as of.



Article Content

Videos – Ms Rachel | Official Site

Welcome to the world of Ms. Rachel, a passionate educator who creates research-based videos, books, and toys to help little ones

Home | FCC National Broadband Map

The FCC National Broadband Map displays where Internet services are available across the United States, as reported by Internet

Toddler Learning with Ms Rachel

Have your toddler or baby learn with a real teacher, Ms Rachel! In this special Play Along Video, Ms Rachel

Internet Infrastructure Map (2026)

Explore the physical backbone of the internet with our interactive map of undersea fiber optic cables, peering exchange points, and

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Learn shapes, letters, numbers, colors, phonics, counting, kids songs, nursery rhymes and more! You can count on Ms Rachel to

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

Submarine Cable Map: Interactive Routes of 700+ Subsea Cables

Every active and planned submarine cable on Earth on a single interactive map. Click any line to open the cable, its landing points,

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.

Baby & Toddler Learning with Ms Rachel

Have your toddler or baby learn with a real teacher, Ms Rachel! In this special Play Along Video, Ms Rachel encourages milestones,

Fiber Map

Use our interactive fiber map to locate connectivity options for your location. Sites include on-net and near-net fiber lit buildings for all

Ms Rachel

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Fiber Break Locations Explained in Fiber Networks

Engineering explanation of fiber break locations, failure localization mechanisms, and diagnostic behavior in fiber optic

Toddler Learning Video with Ms Rachel | 2 Year Old Milestones,

Ms Rachel will teach important 2 year old milestones and social skills for toddlers and preschoolers in this fun toddler learning video!

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Be in our music video! "I Am Super Kid" #iamsuperkidchallenge.

Ms Rachel

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Fiber Map Online | On-Net Buildings | Data Centers | FiberLocator

The FiberLocator online application gives you on-demand access to telecom network and colocation information: fiber optic network

Videos for Toddlers with Ms Rachel by Kiddie Fun Zone

Videos for Toddlers with Ms. Rachel are specially designed to engage and educate young children through songs, stories, and

California Interactive Broadband Map

Residential and mixed-use broadband serviceable locations that are receiving no service or are receiving speeds

Contact Us

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