

Fiber Optic Cable Coverage Index



Overview

Tracks and benchmarks fiber development across 81 countries. Includes fiber household coverage, household penetration, business penetration, mobile cell site fiber penetration, total fiber investment, and average download/upload speeds. This analysis helps industry stakeholders, including policymakers, regulators, service providers. Analyze network nodes within a 10 km radius using our automated API service. A demonstration app to displaying the use of Machine Learning models aimed at identifying telecommunication towers from Satellite Imagery. The OECD provides key broadband statistics to help inform policy decisions. According to the Fibre to the Home/Building (FTTH/B) Market Panorama, the EU39 (27 EU Member States, United Kingdom, 4 CIS countries, Iceland, Israel, North Macedonia, Norway, Serbia, Switzerland, Turkey) reached 70% FTTH/B coverage rate, 244 million homes passed and 121 million FTTH/B subscribers. Omdia's Fiber Development Index tracks and benchmarks fiber development across 81 countries.



Article Content

Rapid earthquake magnitude classification via P-wave strains from ...

By repurposing fiber optic cables as dense strainmeter arrays, DAS enables real-time earthquake detection wherever those fibers are accessible.

Fiber Internet Provider

Greenlight Networks is a locally operated fiber internet provider bringing 100% fiber optic internet to homes and small businesses across

Corning | Materials Science Technology and Innovation

Amazon announced a multibillion-dollar agreement with Corning Incorporated, a leading manufacturer of advanced glass and fiber optic technology, to supply the

Committed to Our Communities | Fiber Internet Provider

i3 Broadband is proud to offer the fastest, most reliable fiber internet, Wi-Fi, and streaming to homes and businesses across Illinois and Missouri.

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.

Welcome to AIS Fibre I Home Broadband Internet with

AIS Fibre Home Broadband Internet with Pure Fibre optic 100% All of needs every lifestyle Net and Entertainment Lover

Fiber-optic communication

Modern fiber-optic communication systems generally include optical transmitters that convert electrical signals into optical signals, optical fiber cables to carry the

Global Fiber Development Index: 2020

Singapore leads Omdia's 2020 Index with maximum scores in fiber-to-the-home (FTTH) penetration, fiber-to-the-cell-site (FTTS) fiber penetration, FTTH population coverage, and both download and

FIBER DEVELOPMENT INDEX ANALYSIS 2024

The bottom third of countries in the Index have a coverage rate of less than 35%, and 15 of the 95 countries have less than 10%. If we are to evolve toward a gigabit society as a global population, it is

Fiber Development Index Omdia

Tracks and benchmarks fiber development across 81 countries. Includes fiber household coverage, household penetration, business penetration, mobile cell site fiber penetration, total fiber

High-Speed Fiber Internet Service Provider | Metronet

Bring Fiber-Optic Internet to Your City Drive Economic Growth and Boost Quality of Life Fiber infrastructure drives economic growth, attracts new businesses,

How Fibre Optics Transmits Data at Lightning Speeds

Quick Answer: Why Fibre Optics Is So Fast Fibre optic cables send data as laser or LED light pulses through thin strands of ultra-pure glass, travelling at approximately 200,000 kilometres

EU39 reaches 70% FTTH/B coverage according to the FTTH Council

The Market Intelligence Committee of the FTTH Council Europe presented the 2024 edition of the FTTH/B Market Panorama, revealing its insights in terms of FTTH/B coverage and

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.

Broadband statistics | OECD

Broadband connectivity is an essential tool for accessing communication, information, public services, remote work, online health services and cultural resources. The OECD provides key

Fiber Development Index Analysis - 2024 Omdia

Analysis of Omdia's Fiber Development Index 2024, which tracks and benchmarks fiber development across 93 countries.

2025 FTTH Market Panorama

The 2025 edition of the FTTH/B Market Panorama presents the latest insights into FTTH/B coverage and adoption in Europe as of September 2024.

Homepage

Capacity provides news, insights, events and market intelligence for the connectivity and digital infrastructure sectors, including telecoms, data centres, tower and wireless, subsea and more.

How does fiber optics work?

An easy-to-understand introduction to fiber optics (fibre optics), the different kinds of fiber optic cables, and how light travels down them.

Contact Us

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