

Fiber Optics Italy



Article Overview

Italy's fiber-optic network is rapidly expanding, with FTTH coverage reaching over 25% of households and multiple providers offering high-speed, affordable plans.

Coverage and Technology

Italy's fiber-optic infrastructure is primarily based on FTTH (Fiber-to-the-Home) and FTTC (Fiber-to-the-Cabinet) technologies. FTTH is the fastest-growing segment, with major deployments by Open Fiber and TIM's FiberCop, aiming to reach gigabit speeds for most households by 2026 under the Italia 1 Giga plan . As of mid-2024, FTTH coverage passed approximately 25.9% of active fixed network lines, while FTTC/VDSL2 remains widespread, covering over 96% of households . Rural areas are increasingly served by Fixed Wireless Access (FWA), with EOLO covering around 79% of homes in low-density regions .

Providers and Speeds

The main fiber-optic providers in Italy include Fastweb, TIM, Vodafone, WINDTRE, Iliad, Sky WiFi, and Tiscali . According to recent speed tests, Fastweb FTTH GPON offers the fastest actual speeds, with download rates up to 2.5 Gbps and uploads of 300 Mbps, while Iliad's FTTH EPON can reach 5 Gbps download and 700 Mbps upload . FTTH plans are generally more reliable and faster than FTTC, which is limited by copper lines from the cabinet to homes.

Pricing...



Article Content

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102 Companies and suppliers for fiber-optic Find wholesalers and contact them directly Leading B2B marketplace Find companies

FTTH Fiber: Further Improvements to the Network in Italy

Italy, along with other countries in the EU39 area, has been experiencing a significant increase in FTTH (Fiber to the

Fiber Optic Cable Manufacturers

The leading Fiber Optic Cable Manufacturers in Italy are listed in this directory. You can narrow down the list of manufacturers based

Italy: EIB and FiberCop: €1 billion agreement to accelerate ultrafast ...

The European Investment Bank (EIB) has approved a financing package of up to €1 billion for FiberCop, the company

Italy's Open Fiber plans 10 billion euro investments as losses widen

Open Fiber, which almost a decade ago Italy's government tasked with rolling out fibre optic cables across the

Fibre optics, cheaper in Italy but no rush for service

In Italy, fibre costs consumers much less than in other major European countries. Yet subscribers are lower than in

The Company

With 13,7 million active lines (as at December 2025), it is Italy's leader in fixed broadband access, offering operators reliable and

Fibre optics: "structural weaknesses" persist in Italy

The European Commission's report on the Digital Decade highlights both the positives and negatives for Italy

Homepage

FiberCop delivers ultra-fast broadband to Maratea. Innovation meets local heritage in the heart of the village.

Coverage check

Fibre optic isn't available in your area yet! Your address is currently not covered by our ultra-broadband

NETBOOK 2026, THE DIGITAL MAP OF ITALY

FiberCop answers these questions with the NetBook 2026, which offers a clear, accessible representation of its

FiberFinder

Fiberfinder è uno degli strumenti di verifica copertura FIBRA FTTH in Italia più affidabile e completo. Al momento è in grado di

Top Fiber Optic Telecommunications Companies in Italy

Discover all relevant Fiber Optic Telecommunications Companies in Italy, including Fastweb and Fenice Telekom Grupa d.o.o.

Servizio di noleggio videoispezione a fibra ottica

La nostra attività di noleggio videoispezione vuole essere parte integrante del portafoglio prodotti della nostra azienda. L'obiettivo è

Everything You Need to Know About Internet Access in Italy: From

This comprehensive report covers all aspects of internet access in Italy - from the fiber-optic networks in city centers

Mapping Broadband Coverage in Italy

Taken from the "The Broadband Coverage in Europe" report conducted by IHS Markit, Point Topic & Omdia for the

Work progress

Open Fiber, which has only 9 years of full operation under its belt, is Italy's leading operator in terms of the development of FTTH

Top Fiber Optic Cable Manufacturing Companies in Italy

When exploring the Fiber Optic Cable Manufacturing industry in Italy, several key considerations emerge. The sector benefits from

Top 10 Fiber Optic Cable Suppliers & Manufacturers in Europe

The field of fiber optic technology has revolutionized global communications, providing high-speed, reliable, and

Open Fiber

Elimina il rame, vivi la connessione ultraveloce fino a 10 Gigabit con la vera fibra ottica fino per privati, aziende e Pubblica

Telecom Italia Fibre

Tratos has been supplying Telecom Italia since 1982, with whom it has an annual general agreement worth several million Euros

Open Fiber Trials 100 Gbps Fiber Technology in Italy

Open Fiber, in partnership with Nokia, has become the first operator in Italy and Europe to test 100 Gbps fiber optic

Fiber Optic

Extensive Fiber Optic Infrastructure in Northern Italy With the current fiber optic infrastructure, UNO Communications covers major

Coverage plan

Open Fiber aims to build ultra-broadband (UBB) network infrastructure to help reduce the digital divide in Italy and to promote

Unlimited connectivity with Fiber designed for Business

Unlimited connectivity with Fiber designed for Business Ultra-broadband telecommunications services for Internet Service Providers

Optical fibre in Italy: which path to take?

Cable networks in their most modern form, optical fibers, represent the fundamental framework to ensure its diffusion, with all the

Fiber optic network for enterprises in Italy

Network built on proprietary fiber optic infrastructure, directly managed by Retelit with routes along Italy's main road ridges, ensuring

Contact Us

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