

# The fiber optic connection is slow after passing through the switch



## Overview

This happens when the signal weakens as it travels through the cable, leading to slower data transmission and unreliable connections 1. Use bend radius protectors during. This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications. There are no specific requirements for this document. Why Do Fiber Networks Fail?

Despite their robustness, fiber networks can fail due to:. Fiber optic troubleshooting is an essential skill for network administrators, technicians, and engineers responsible for maintaining and repairing fiber optic systems. We just switched from t1 to a 20Mb fiber connection with 50Mb burst. Slow internet access from all clients, as in about 3Mb/s Laptop into catalyst 3560 into firewall into router- 20Mb down/ 3Mb up! Laptop into any of the 3com switches into. A slow internet connection is more than an inconvenience; it can disrupt your work, entertainment and everyday tasks, like installing important updates or video-chatting with loved ones.



## Article Content

Nov 16, 2025

### Are Ethernet Cables Slowing Your Connection?

Cable modems, DSL modems, and many fiber optical network terminals (ONT) use Ethernet to deliver internet to a Wi-Fi router. If you replaced

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### Fix Fiber Issues Fast: Your Ultimate HomeLinkd Guide

Explore our comprehensive guide on Troubleshooting your Fiber Connection, addressing common issues for improved internet performance.

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### Fiber Optic Issues: Troubleshooting & Prevention Tips

Solve common fiber optic network problems—attenuation, damage, connector issues. Learn troubleshooting steps, tools, and prevention to ensure reliable

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### Fiber Optic Troubleshooting: Expert Guide for Common

Troubleshoot fiber optic issues like a pro with our expert guide. Resolve common problems and ensure seamless connectivity.

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Hi there, I have a 1GB/s Fiber Optic internet connection but the internet is not as fast as I would hope. Due to a high amount of signal loss in my

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### Identifying (and Fixing) Fiber Performance Issues

If you've verified your connections are clean and your installation is within spec, the below steps will often solve fiber connection and performance

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### Solved: What would cause all fiber optic ports on a

It seems that the whole fiber optic controller stops working for some external cause, like there's something that troubles the controller to the point that

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### Fiber Network Troubleshooting – Common Issues & Fixes

Learn how to troubleshoot fiber networks. Identify common issues like high loss, dirty connectors, and signal drops, with practical solutions for optical links.

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Solved: What would cause all fiber optic ports on a

On a big industrial plant we've replaced an old HP switch with a brand new couple of C2960x switches in stack configuration and ever since then, every

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Learn how to identify and resolve fiber media converter issues like power instability, packet loss, and compatibility to keep your network running

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Troubleshooting Slow Fiber Speeds Over Ethernet

2. Other slow speed issues If you are getting slower-than-expected fiber speeds over internet but it is not exactly 10Mbps or 100Mbps, here are some other

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We recently upgraded the house's internet to fiber optic, and on top of that we bought a new TP-Link Archer C60 to make sure we can get the most out of it. However, since it got installed

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Troubleshoot Fiber Links on Catalyst 9000 Series Switches

This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications.

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## If Fiber Is Blazing Fast, Why Is Your Home Network Still

After fiber-optic internet finally arrived in my neighborhood, I did what any broadband nerd would do: brag about my new superfast speeds on social

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## Common Fiber Optic Cable Issues and How to Fix Them

Ever wondered why your blazing-fast fiber optic internet suddenly slows to a crawl, or why your network connection drops out just when you need it most? You're not

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## Identifying (and Fixing) Fiber Performance Issues

These problems are all commonly experienced in fiber optic installations and, often, they're fixed with basic troubleshooting and service. This

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New fiber connection slow after hooking up switches.

This may seem obvious that the switches are the problem, but I would appreciate some guidance so I'm not running down the wrong path. From everything I can find, it seems that ports

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## Why Your Fiber Internet Is Slow & How To Fix It Fast | EPB

Read this to figure out why your fiber internet is slow and how to fix it fast, along with the common causes and what to do to resolve them.

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## Understanding Common Fiber Internet Problems and

By understanding and addressing common fiber optic problems, network administrators can ensure that their systems remain robust, efficient, and capable

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## Common Fiber Optic Cable Issues and How to Fix Them

Solving fiber optic cable issues doesn't have to be a mystery. By understanding the most common problems and how to fix them, you can keep your network (and

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## Fibre Optic Cable Troubleshooting Guide: Common

Fibre optic cable troubleshooting requires a systematic approach to identify and resolve common issues that can affect network performance. By

Mar 25, 2026

### Fiber Optic Issues: Troubleshooting & Prevention Tips

Fiber optic networks are the backbone of modern connectivity, but their performance depends on proactive maintenance and quick troubleshooting. By understanding

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### Why Your Fiber Internet Is Slow & How To Fix It

A slow internet connection is more than an inconvenience; it can disrupt your work, entertainment and everyday tasks, like installing important

## Contact Us

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