

The router's fiber optic cable turns red



Article Overview

A red light on a router's fiber optic connection usually indicates a Loss of Signal (LOS), caused by physical cable issues, ISP outages, or router/connection problems.

Common Causes

1. Loss of Signal (LOS): The red light often signals that the router cannot communicate with your Internet Service Provider (ISP) due to a disrupted fiber signal. This can happen if the fiber optic cable is damaged, bent sharply, or has a faulty connector, which interrupts the light transmission inside the fiber cable . 2. ISP Outages: Temporary service interruptions from your ISP, such as maintenance, technical issues, or network congestion, can cause the red light to appear even if the fiber cable itself is intact . 3. Loose or Damaged Connections: Improperly seated fiber connectors, power cables, or Ethernet connections can prevent the router from establishing a stable link, triggering the red LOS light . 4. Router or ONT Malfunction: Internal hardware or firmware issues in the router or Optical Network Terminal (ONT) can also cause the red light, sometimes intermittently . 5. Environmental Factors: Excessive bending, tight coils, or pressure on the fiber cable (e.g., under skirting boards) can attenuate the signal, leading to intermittent red light flashes .

Troubleshooting Steps

- Check for ISP Outages: Verify with your ISP whether there is a known service disruption in your area .
- Inspect the Fiber Cable: Look for visible bends, kinks, or damage. Ensure the cable is not tightly coiled or pinched .
- Secure Connections: Make sure all fiber, power, and Ethernet cables are firmly co...

Article Content

Dec 22, 2025

Router Showing a Red Light? Try These 6 Fixes

If the problem is isolated to the router, try resetting the internet connection by turning off the modem and router, waiting for a few

Feb 09, 2026

Modem Router Lights Meaning: Complete Guide to Blinking LEDs

Decode modem router lights meaning with our complete guide. Learn what blinking patterns and colors indicate,

Apr 14, 2026

Intermittent Fiber Optic Connection: LOS LED Flashes Red on Router

The discussion revolves around intermittent connectivity issues with a fiber optic internet and TV service, where the

Jan 15, 2026

Common Fiber Optic Cable Problems And How To Troubleshoot Them

A well-built fiber link rarely fails, but when it does the symptoms can be short, confusing, and expensive to chase. This guide lists the

May 11, 2026

What to do if the router shows a red light

When your router displays a red light, it can be due to several reasons. Sometimes it may be due to a problem with

Jan 17, 2026

Fiber Network Troubleshooting – Common Issues & Fixes

Learn how to troubleshoot fiber networks. Identify common issues like high loss, dirty connectors, and signal drops,

Feb 01, 2026

The Ultimate Fiber Troubleshooting Bible for Beginners 2025

Solve fiber troubleshooting issues fast with step-by-step tips for beginners. Keep your fiber optic network reliable and

Sep 15, 2025

Fiber Optic Troubleshooting Guide: Problems, Tools

This guide offers practical steps to troubleshoot fiber optic cable issues, covering common

Jan 17, 2026

A Guide to Fiber Optic Testers, Tools, and Troubleshooting | Fluke

Learn about the common contaminants of fiber optics in today's mission critical networks and get a detailed look at fiber testing and

Dec 15, 2025

Modem and Router Lights Meaning: Blinking, Colors and Fixes

Quick Summary Modem and router lights show connection status, helping you identify normal activity, temporary

May 17, 2026

Those lights on your router can help you fix your internet connection ...

Those lights on your router or cable modem aren't just there for show. They convey information about the status of

Aug 14, 2025

Router Blinking Red/Orange: Meaning and How to Fix

“LOS” stands for Loss of Signal, and the red indicator typically shows that the fiber optic line isn't detected. Gently

Jun 05, 2026

How to Fix the Red Light on a Spectrum Router: 10

Are you seeing a solid or flashing red light on your Spectrum router? When the light on your

Nov 28, 2025

Why Is My Router Blinking Red? (Possible Causes & Fixes)

A router blinking red is a common symptom of many different problems. Knowing what this means can help you get it

Aug 31, 2025

What does the red LED light on your router mean?

On most carrier fiber routers, having a red LED light on the router like this all of a sudden doesn't indicate anything

Oct 15, 2025

How To Fix Red Light On My Router

A blinking red light typically indicates connectivity issues. This problem could be specific to

Oct 28, 2025

Intermittent Fiber Optic Connection: LOS LED Flashes Red on Router

Struggling with a flickering LOS LED and unstable fiber optic internet in my new apartment. Seeking insights on this

May 10, 2026

The Red Light of Doom: Troubleshooting Your Router's Red Light

7. How can I fix a red light on my router? Troubleshooting a red light on your router requires a systematic approach.

Aug 16, 2025

Fiber Optic Troubleshooting: Expert Guide for Common Issues

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

Oct 22, 2025

What to Do When the LOS Light Blinks Red and How to

This guide will walk you through what the LOS light means, why it blinks red and step-by

Dec 03, 2025

How to fix a red blinking light on a router

Red blinking lights mean trouble. If your router is failing to connect with a red light on, you need to check your

Aug 08, 2025

How To Fix Red Blinking Light On Router? 7 Easy Methods

How to Fix Red Blinking Light on Router - Frustrated with a red blinking light on your router? Don't panic! This guide

Jan 07, 2026

Red Blinking Light on Router? Here's why, and How to fix it

How to Fix Red Blinking Light on Router: The red blinking light on a router is a common issue that can disrupt your

Feb 06, 2026

What happens if an LED on my router flashes red and what ...

In principle, all the router status LEDs should flash, except the LED that indicates that the router is on. Today we are

Jun 30, 2026

7 Easy Methods to Fix the Red Light on Your Router: A

Understanding the Red Light on Your Router Before diving into solutions, it's crucial to understand what that red light signifies.

Feb 14, 2026

Why is My Router Blinking Red and How to Fix It - Sage Datum

Incorrect or Loose Cables: Faulty or disconnected Ethernet or fiber optic cables can prevent the router from

Mar 22, 2026

Fiber Optic Troubleshooting: Expert Guide for Common Issues

Fiber optic troubleshooting is an essential skill for network administrators, technicians, and engineers responsible for

Feb 03, 2026

A Step-by-Step Guide to Diagnosing and Replacing Your Fiber Optic Cable

At times, our routers may experience connectivity issues, which could stem from a damaged fiber optic cable. While

Oct 29, 2025

How to Fix Red Light on My Router

In this comprehensive guide, we will walk you through the common causes of a red light on your router and provide

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

