

Router fiber optic cable lit up red

Article Overview

A red light on your router's fiber optic connection indicates a loss of signal, often caused by cable issues, ISP outages, or router faults.

Common Causes

- **Fiber Optic Cable Damage:** Physical cuts, bends, or kinks in the fiber optic cable can disrupt the signal and trigger a red light on the router .
- **Service Outage:** Your Internet Service Provider (ISP) may be performing maintenance or experiencing a local outage .
- **Loose or Improper Connections:** If the fiber optic cable or other connections are not securely plugged into the WAN/ONT port, the router may show a red light .
- **Router or ONT Malfunction:** A faulty router or Optical Network Terminal (ONT) can prevent proper communication with the ISP .
- **Power Issues:** Unstable power supply or faulty surge protectors can cause the router to malfunction .
- **Overheating:** Routers placed in poorly ventilated areas may overheat, leading to connectivity problems and a red light .

Troubleshooting Steps

- **Check for ISP Outages:** Visit your ISP's website or social media pages to see if there is a known service disruption .
- **Inspect the Fiber Optic Cable:** Look for visible damage and ensure it is firmly connected to the correct port. Avoid sharp bends or pressure on the cable .
- **Reboot the Router:** Turn off the router, unplug it for 30 seconds, then reconnect and power it on. This often resolves temporary signal issues .
- **Check All Connections:** Ensure the power cable, LAN cables, and fiber optic cable...

Article Content

Oct 27, 2025

7 Easy Methods to Fix the Red Light on Router

This guide walks through seven easy methods to troubleshoot a red router light and get your connection working

Oct 03, 2025

What Do the Lights on My Modem Mean?

What lights should be on if my modem is operating correctly? Modem indicators vary by manufacturer, but typically, a

Jun 12, 2026

Modem & Router Lights Explained | BroadbandSearch

Modem and Router Lights Meaning: Your 2026 Quick Troubleshooting Guide Your modem and router lights can tell

Nov 16, 2025

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

Mar 29, 2026

My Optical Light is flashing, has gone off or has gone red

If you find that the Optical/Config/PON Light on your Fibre ONT (Optical Network Terminal) box is flashing, has gone

May 29, 2026

7 Easy Methods to Fix the Red Light on Router

When the Internet light on your router is red, there is a problem with our internet connection

Aug 03, 2025

Modem & Router Lights Meaning: What Every LED Color Means

Learn what every modem and router light color means. Fix blinking orange, red, and green lights on Xfinity, Spectrum,

Mar 21, 2026

LED and Power Light Meanings on GFiber Devices

Ensure your Fiber Jack is connected to the network and the LED lights are connected and working properly before moving on to

May 08, 2026

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

Apr 19, 2026

How To Fix Red Light On A Wi-Fi Router | What Does It Mean?

If you have been having Internet-related problems, you may wonder how to fix a red light on a router. Even the best

Aug 21, 2025

Modem Router Lights Meaning: Complete Guide to

Decode modem router lights meaning with our complete guide. Learn what blinking patterns

Feb 04, 2026

LOS Red Light on Router/ONT: What It Means & How to Fix

A red LOS (Loss of Signal) light on your router or ONT usually indicates that the device is not receiving an optical

Aug 27, 2025

Router Blinking Red/Orange: Meaning and How to Fix

Router Blinking Red/Orange: Fix no signal or partial connectivity with cable checks, reboots, and advanced resets.

Nov 07, 2025

What to Do When the LOS Light Blinks Red and How to Reset Your Router

The LOS light blinking red is a common yet solvable issue. By following the steps outlined above, you can identify the

May 10, 2026

Fix Fiber Jack Connection Issues

The Fiber Jack is the small box on your wall where the fiber optic cable enters your home. It brings the internet to your devices

Oct 18, 2025

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.

May 22, 2026

Router Blinking Red/Orange: Meaning and How to Fix

“LOS” stands for Loss of Signal, and the red indicator typically shows that the

Jul 23, 2026

Is my fibre optic cable toast? Whats wrong? Need...

The signal is optical, so if you don't see the red on both ends, it's damaged. If a fibre optic cable gets kinked it usually

Dec 21, 2025

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

A red light on your router can be a frustrating experience, but with a systematic approach to troubleshooting, you can

Sep 28, 2025

5 Ways To Fix Blinking Light On Router

Check for Defective Components Faulty components such as damaged cables or connectors can lead to connection

Feb 04, 2026

How to Fix Red Light on My Router

How to Fix Red Light on My Router A red light on your router can be a source of frustration and confusion. It often

Jan 13, 2026

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

Jan 24, 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

Dec 19, 2025

Router Showing a Red Light? Try These 6 Fixes

A router showing a red light can mean different things, like a service outage, misconfiguration, or loose connection, all

Jan 22, 2026

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

Jun 13, 2026

How to Fix the Red Light on your Wi-Fi Router

Fixing the red light on your Wi-Fi router 1. Check Power Supply Ensure the power cable is securely

Jan 07, 2026

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

Oct 23, 2025

Should an optical cable have a red light?

What is the red light on my optical cable? The red light of a laser is coupled into the core of an optical fiber in a

Mar 21, 2026

Modem and Router Lights Meaning and Easy Troubleshooting

Mastering Modem and Router Lights: A Smart Approach to Troubleshooting Every LED blinking on your modem and router tells a

Dec 17, 2025

Modem & Router Lights Meaning: What Every LED Color Means

A red light on a router usually means the device has lost its internet connection or is experiencing a hardware issue.

Apr 03, 2026

Router Showing a Red Light? Try These 6 Fixes

In conclusion, a red light on a router can indicate a variety of issues that need to be addressed. By following these six fixes, you can

Dec 13, 2025

What Do the Lights on My Fiber Equipment Mean?

Not sure what the lights on your fiber equipment mean? This guide explains each status light and how to troubleshoot common issues.

Jan 06, 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

Jul 21, 2026

How to fix a Red LOS Light on your WiFi Router?

How to fix a Red LOS Light on your WiFi Router? To fix a red LOS light on the router: Start by checking that the fiber or

Contact Us

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

Website: <https://iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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

