

Wireless router fiber optic light flashing red



Overview

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 Why is My Rout.

Key Takeaways

A flashing red light on a fiber optic router typically indicates a loss of signal or connectivity issue between your router and your Internet Service Provider (ISP).Common Causes

- Loss of Signal (LOS): The red light often represents a Loss of Signal, meaning your router cannot communicate with the ISP due to a disrupted fiber optic connection .
- Fiber Optic Cable Damage: Physical damage, bends, or cuts in the fiber optic cable can interrupt the signal .
- Service Outage: ISP maintenance or local outages can cause the red light to flash .
- Loose or Faulty Connections: Improperly connected cables or damaged connectors may prevent proper communication .
- Router or ONT Malfunction: Hardware issues in the router or Optical Network Terminal (ONT) can trigger the red light .



- **Power Issues:** Fluctuations or insufficient power supply can affect router performance .
- Troubleshooting Steps
- **Check for ISP Outages:** Visit your ISP's website or social media pages to confirm if there is a service disruption in your area .
 - **Inspect Fiber Optic Cable:** Look for visible damage, sharp bends, or loose connections. Ensure the cable is securely connected to the WAN/ONT port .
 - **Power Cycle the Router:** Turn off the router, unplug it from the power source for 30 seconds, then plug it back in and power it on. Wait for the lights to stabilize .
 - **Check All Connections:** Verify that power, LAN, and fiber optic cables are firmly connected and undamaged .
 - **Monitor for Firmware Updates:** Some routers flash red during firmware updates. Wait a few minutes to see if the light changes .
 - **Contact Your ISP:** If the red light persists after checking cables and rebooting, contact your ISP for further assistance, as the issue may require professional intervention .

Additional Tips

- Avoid bending or stretching the fiber optic cable excessively.
- Keep the router in a well-ventilated area to prevent overheating.
- Document any recurring red light patterns to provide detailed information to your ISP. By systematically checking for outages, inspecting cables, and rebooting the router, most flashing red light issues can be resolved or accurately diagnosed.

Article Content

What Do the Lights on My Router Mean?

Flashing Green or Blue: The router is in the process of synchronizing with the DSL or fiber network. Red or Amber:

5 Ways To Fix Blinking Light On Router

Depending on which light is flashing, you'll want to check the appropriate component (e.g., Ethernet cables and RJ45

What do the lights mean?

Blinking Red (Slow) Your gateway doesn't have a broadband connection. Please check for a loose, disconnected, or damaged cable,

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