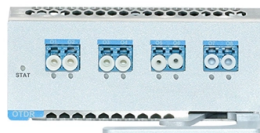


Router fiber optic signal red



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 LOS Light Blin.

Key Takeaways

A red LOS (Loss of Signal) light on a fiber optic router indicates a problem with the connection between your router and the ISP, often caused by cable issues, power problems, or router/ONT faults. What the Red Light Means

The red LOS light on a fiber optic router signals a Loss of Signal, meaning the router cannot communicate with your Internet Service Provider (ISP) properly . This can appear as a blinking or solid red light and may result in intermittent or complete loss of internet and TV services .

Common Causes

- **Fiber Optic Cable Damage:** Physical cuts, sharp bends, or excessive coiling can attenuate or block the signal .
- **Loose or Improper Connections:** Ensure the fiber cable is securely connected to the router's WAN/ONT port and that all connectors are intact .
- **Router or ONT Malfunction:** Faulty hardware, including the router or Optical Network Terminal (ONT), can trigger the red light .
- **Power Issues:** Fluctuations or insufficient power supply to the router or ONT may disrupt connectivity .

- **ISP Service Outage:** Maintenance or local outages can cause the LOS light to appear red .

Troubleshooting Steps

- **Check for ISP Outages:** Visit your ISP's website or social media for service updates .
- **Inspect the Fiber Cable:** Look for visible damage, ensure no sharp bends, and verify proper connection to the router .
- **Reboot the Router:** Turn off the router, unplug it for 30 seconds, then power it back on and check the LOS light .
- **Verify All Connections:** Confirm that power, LAN, and fiber cables are firmly connected .
- **Replace or Test Hardware:** If the problem persists, the ONT or router may need replacement or professional inspection .
- **Factory Reset (if necessary):** Only if other steps fail, press and hold the reset button to restore factory settings, remembering this will erase custom configurations .

Additional Tips

- Avoid tight coils or sharp bends in the fiber cable, as even small bends can reduce signal strength .
- Keep the router in a stable power environment to prevent intermittent LOS issues .
- If troubleshooting does not resolve the issue, contact your ISP for professional support and possible ONT replacement . By following these steps, you can identify whether the red LOS light is due to a local hardware issue, cable problem, or ISP outage, and take appropriate action to restore your fiber optic internet connection.

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