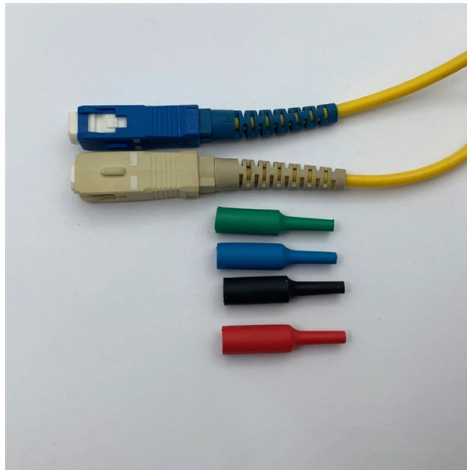


## TP-Link router disconnects fiber optic connection once every 24 hours



### Overview

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

### Key Takeaways

Daily disconnections on a TP-Link router are often caused by DHCP lease renewals, firmware issues, or ISP-side settings rather than hardware failure.

- **DHCP Lease Renewal** Many TP-Link routers request a new IP address from the ISP periodically. If the ISP's DHCP server does not respond correctly, the router may temporarily lose its connection, which can appear as a daily disconnection . Scheduled disconnections at consistent times often indicate this issue .
- **Firmware Issues** Outdated router firmware can cause instability, including periodic disconnections. TP-Link regularly releases updates to address such issues .
- **ISP or Modem Problems** If the connection drops even when a computer is connected directly to the modem, the problem may be with the ISP or the modem itself .



- Scheduled Interference or Devices Household devices operating on timers (e.g., microwaves, sprinklers, or smart appliances) can interfere with the router at specific times, causing temporary disconnections .

#### Troubleshooting Steps

- Check Direct Connection Connect a computer directly to the modem via Ethernet and monitor the connection for at least 30 minutes. If it remains stable, the issue is likely with the router .
- Update Firmware Ensure your TP-Link router is running the latest firmware version to fix known stability issues .
- Power Cycle Unplug both the modem and router for 60 seconds, then power the modem first, wait until it stabilizes, and then power the router .
- Check WAN IP and DHCP Settings Verify that the router has a valid WAN IP address. If necessary, clone the MAC address of your computer or previous router to the TP-Link router to maintain a stable IP .
- Adjust Router Settings
- Disable Smart Connect if enabled.
- Reduce Wi-Fi channel width to 20 MHz.
- Use the 5 GHz band for devices close to the router to reduce interference .
- Contact ISP If the problem persists, contact your ISP to check for DHCP lease issues or scheduled network resets that could cause daily disconnections .

#### Additional Tips

- Record the time of disconnection to see if it aligns with DHCP lease renewal or scheduled ISP maintenance.
- If using a range extender, ensure it is updated and positioned correctly, as extenders can also cause intermittent drops . Following these steps should help identify whether the daily disconnection is caused by the router, ISP, or external interference and provide a path to stabilize your fiber optic connection.

## Article Content

My fiber connection constantly disconnects and customer ...

I have fiber internet through Brightspeed (who is using CenturyLink's equipment AFAIK) For over a month now, my internet has

Related Video Reference

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