

Router power on fiber optic and wireless lights on



Overview

Modem & Router Lights Explained | BroadbandSearchLearn what they mean and how to keep your Wi-Fi running smoothly. Your modem and router are communicating.

Key Takeaways

If your router's power, fiber optic, and wireless lights are solid, it generally indicates that the router is powered on, receiving a proper fiber signal, and broadcasting Wi-Fi successfully.

Power Light
A solid power light means your router or optical network terminal (ONT) is receiving power and functioning normally. If the light were off or red/amber, it would indicate a power issue or hardware fault, but a solid green or blue light confirms proper operation .

Fiber Optic Light

The fiber optic light indicates whether your ONT is receiving a proper signal from your internet service provider's fiber network. A solid green fiber light shows that the fiber connection is active and stable. If this light were red or off, it would suggest a problem with the fiber signal, possibly due to an outage or a loose connection .

Wireless (Wi-Fi) Light



The wireless light shows whether your router is broadcasting a Wi-Fi network. A solid light means the wireless network is active and devices can connect. If the light were off, it would indicate that Wi-Fi is disabled or not functioning .

Additional Notes

- Flashing lights on any of these indicators usually mean data is being transmitted or the device is attempting to establish a connection. For example, a blinking fiber light may indicate the ONT is negotiating a connection with the ISP .
- If all three lights are solid but you still cannot access the internet, the issue may lie with your ISP or network configuration rather than the router itself. Restarting the router and checking cables can often resolve minor connectivity issues .
- Ensure all cables are securely connected, and if using a power strip, confirm it is switched on. If problems persist, contacting your ISP for support is recommended . In summary, solid power, fiber, and wireless lights indicate that your router is powered, connected to the fiber network, and broadcasting Wi-Fi correctly, suggesting normal operation.

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