

15m Fiber Optic Router



Article Overview

For a 15-meter fiber optic connection, a high-performance Wi-Fi 6 or Wi-Fi 7 router with multi-gigabit Ethernet ports is ideal, such as the Netgear Nighthawk RS700S or ASUS ROG GT-AX11000.

Key Considerations

1. Speed and Compatibility: Choose a router that supports multi-gigabit speeds to fully utilize fiber internet. Wi-Fi 6 or Wi-Fi 7 routers are recommended for plans 1 Gbps and higher, ensuring minimal latency and maximum throughput . 2. Coverage: A 15-meter fiber connection is relatively short, so most high-end routers will cover this distance easily. However, routers with tri-band or dual-band support and multiple antennas provide more stable connections and better handling of multiple devices . 3. Ethernet Ports: Ensure the router has Gigabit or 10G LAN/WAN ports for wired devices. This is especially important if you plan to connect desktops, gaming consoles, or NAS devices directly . 4. Device Capacity: If you have many devices (smartphones, smart home devices, computers), select a router that can handle 100+ devices simultaneously without performance drops .

Recommended Routers

- Netgear Nighthawk RS700S (Wi-Fi 7): Supports multi-gig speeds, up to 200 devices, 3,500 sq. ft. coverage, and advanced features like LAN aggregation for faster wired connections .
- ASUS ROG GT-AX11000 (Wi-Fi 6): Tri-band, 10 Gigabit capable, excellent for gaming and streaming, with a 1.8 GHz quad-core CPU for smooth performance

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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