

Should a gigabit router be directly connected to fiber optic cable



Overview

The fiber optic cable does not plug directly into a standard home router because the signal type must be translated. The fiber line terminates at the Optical Network Terminal (ONT), which is typically supplied and installed by the internet service provider. This. Fiber internet transmits data using light signals through fiber-optic cables, which differs from traditional DSL or cable internet. The critical factor is not the *type* of internet coming. Connecting a fiber optic cable to your router often requires the services of an internet service provider (ISP), but understanding the process empowers you to manage your internet connection better; here's the essential summary: Connecting a fiber optic cable directly to your router is typically. Your router or modem does not directly connect to the fiber optic cable, but rather, it connects to an Optical Network Terminal (ONT) that converts the fiber optic signals into Ethernet.



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