

Where is the Wi-Fi pigtail



Summary of Content

A Wi-Fi pigtail is a short, flexible coaxial cable that connects a Wi-Fi card or antenna to a router, access point, or other wireless device, typically inside the device or at the antenna port.

Function and Location

A Wi-Fi pigtail serves as an adapter cable that allows different types of connectors to interface, such as connecting a small Wi-Fi card with a TS9 or U.FL connector to a larger RP-SMA or N-type antenna cable . It is usually located inside the device, running from the Wi-Fi card or module to the external antenna port, or it may be externally attached to a USB Wi-Fi adapter or access point . In PCs or mini-ITX cases, the pigtail is threaded through a hole in the case to connect the internal Wi-Fi card to the external antenna. The threaded end of the pigtail is secured with a nut, washer, and lock washer to hold the antenna in place while allowing rotation for optimal signal positioning .

Types and Construction

Wi-Fi pigtails are made from high-quality coaxial cables such as LMR-100 or RG-316, designed to minimize signal loss over short distances . They are typically 4 to 12 inches long, just enough to provide flexibility without significant attenuation. One end has a connector that fits the Wi-Fi device, and the other end matches the antenna or external cable type .

Practical Use

- Inside routers or access points: Connects the internal Wi-Fi module to the external antenna port.

Article Content

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They are essential, for example, to connect a WiFi module to an external antenna jack on the housing. Here you will find a huge

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Hier findest du eine riesige Auswahl an Pigtails mit allen erdenklichen Steckerkombinationen (z.B. U.FL zu RP-SMA). Finde das

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These are some common connectors and pigtails used in the Wireless world. The pictures should help when choosing pigtails to

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Contact Us

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