

Cisco AIR-PWRINJ5 Datasheet



Cisco AIR-PWRINJ5 802.3af Power Injector

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The Cisco Aironet Power Injector (AIR-PWRINJ5) increases wireless LAN deployment flexibility of Cisco Aironet Access Points by providing an alternative powering option to local power, inline power-capable multiport switches, and multiport power patch panels.

The single-port Cisco Aironet Power Injector provides 802.3af power and data signal, sending both to the Cisco Aironet Access Point.

The power injectors provide up to 15.4 W over the unused wire pairs of a Category 5 or better Ethernet cable, supplying enough power for a distance of 328 ft. (100 m) on the Cisco Aironet 1040, 1140, 1260, 2600, and 3500 Series Access Points. While it can also support the Cisco Aironet Series 3600 Access Points when modules are not being used, it is recommended to use the AIR-PWRINJ4= power injector instead for the 3600 series, as it has sufficient power to supply to the AP and any installed modules.

This guide covers the following Cisco Aironet Power Injector:

- Cisco Aironet Power Injector (AIR-PWRINJ5)

Cisco Aironet Power Injector

The Cisco Aironet Power Injector provides both power and data to a connected Cisco Aironet Access Point. The device serves the following functions:

- It provides Category 5 or better Ethernet media to the access point.
- It uses wires in an Ethernet cable to supply inline 15.4 W power to an access point. The power injector provides an easy and economical way to provide data and power to an access point located in areas where power is not available.

The power injector is used with the following Cisco Aironet Series Access Points:

- 1040 series access points
- 1140 series access points
- 1260 series access points
- 1600 series access points
- 2600 series access points
- 3500 series access points

A Category 5 or better Ethernet cable connects the injector to a 10/100/1000 Ethernet switch, hub, or network, and another cable carries power and data to the access point's WAN Ethernet port. The power injector's built-in power supply has a C14 connector that connects to a wall outlet or power strip. The power injector connects to a wall outlet or power strip.

The typical power injector package contains the following items:

- Power injector
- Power cord
- URL Pointer Card and China RoHS Statement

If any item is missing or damaged, contact your Cisco representative or reseller.

Specifications

- Electrical: 802.3af compliant 15.4 W power
- Connectors: 2 RJ-45 10/100/1000 (Cat 5 or better Ethernet cable)
- Dimensions (L, W, H): 165 mm x 65 mm x 36 mm (6.5 in x 2.6 in x 1.4 in)
- Stacking restrictions: Do not stack. Do not bundle the power injector and AC power cable.

For more information of this Cisco AIR-PWRINJ5, please visit Cisco website:

<https://www.cisco.com/c/en/us/td/docs/wireless/power/quick/guide/pwrinj5.html>

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