



AC Power Cords for Cisco Aironet 1500 Series Outdoor Mesh Access Points

The Cisco Aironet 1500 series outdoor mesh access point (hereafter called the *access point*) supports these AC power cord options:

- 15-ft (4.6-m) power cord (AIR-CORD1500-15NA=) for use in the US and Canada.
- 40-ft (12.2-m) power cord (AIR-CORD1500-40NA=) for light pole installations in the US and Canada.
- 40-ft (12.2-m) power cord (AIR-CORD1500-40UE=) for use outside the US and Canada. One end of the power cord is terminated with an access point AC power connector and the other end is unterminated (see [Table 1](#) for wire colors).
- 4-ft (1.2-m) streetlight power tap adapter (AIR-PWR-ST-LT-TAP=) for light pole installations in the US and Canada.

The AC power cords are rated 100 to 240 VAC at 10A.



Caution

Prior to connecting or disconnecting a power cord, you must remove AC power from the power cord using a suitable service disconnect.

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Table 1 **AC Power Cord Information**

AC Power Cord	Cord Diameter	Comment
AIR-CORD1500-15NA=	0.398 to 0.413 in (10.1 mm to 10.5 mm)	–
AIR-CORD1500-40NA=	0.398 to 0.413 in (10.1 mm to 10.5 mm)	–
AIR-CORD1500-40UE=	0.362 to 0.469 in (9.2 to 11.9 mm)	Neutral wire (blue) Line voltage wire (brown) Ground wire (green and yellow)
AIR-PWR-ST-LT-TAP=	Strain relief bushing not needed	–



Caution

All AC power plugs and AC receptacles must be protected from water and other outdoor elements. This may be accomplished by using a UL listed waterproofing enclosure suitable for covering the AC receptacle and AC power plug that supplies power to the unit as described in Article 406 of the NEC. If the power cord goes through a metal cover, a bushing should be installed to prevent fraying of the cord.

When using a strain relief bushing, you should follow these recommendations:

- Use properly sized parts (see [Table 1](#) for the power cord diameter)
- Use bushings that are safety certified
- Use parts that are suitable for outdoor installation

When using a user supplied AC power plug on the AIR-CORD1500-15UE= power cord, ensure that the plug is certified for outdoor use and has a minimum IP67 rating, such as Interpower 84131251 or Hubbell HBL316P6W (IEC/EN60309 pin-and-sleeve type connectors).



Caution

If your power cord does not use an AC power plug, you must ensure that the power source is OFF before connecting or disconnecting the power cord wires from the power source.

Related Documentation

These documents provide additional information about installing the access point:

- *Cisco Aironet 1500 Series Lightweight Outdoor Mesh Access Point Hardware Installation Guide*
- *Cisco Aironet 1500 Series Lightweight Outdoor Mesh Access Point Mounting Instructions* (shipped with your access point)

Click this link to browse to the Cisco Support and Documentation page:

<http://www.cisco.com/cisco/web/support/index.html>

To browse to the access point documentation, click **Cisco Aironet 1500 Series** listed under “Wireless LAN Access.”

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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