

# HPE Aruba Networking AP and Gateway Accessories Guide

**HPE**   
GreenLake



## Be prepared for increasing demands for bandwidth and high-performance wireless with the HPE Aruba Networking portfolio of access points and gateways. Expand coverage with indoor and outdoor AP antennas, LTE, and USB accessories.

### Tri-band indoor AP antennas with 6 GHz support

#### HPE Aruba Networking indoor AP antenna AP-ANT-311

Articulating direct-mount tri-band omnidirectional dipole antenna (RP-SMA) for indoor use.

The AP-ANT-311 antenna is a high-performance, tri-band, omnidirectional, indoor antenna ideally designed for multifunction access points (APs) that require an omnidirectional coverage pattern for WLAN service delivery or air monitoring on the 2.4 GHz, 5 GHz, and/or 6 GHz bands. The AP-ANT-311 has an articulating mount, providing flexibility in deployment and direct connection to HPE Aruba Networking APs, allowing the antennas to be oriented vertically regardless of the orientation and mount plane of the AP. [Learn more.](#)

#### HPE Aruba Networking indoor AP antenna AP-ANT-312

Articulating low profile, direct mount, tri-band, omnidirectional dipole antenna (RP-SMA) for indoor use.

The AP-ANT-312 antenna is a low profile, tri-band, omnidirectional, indoor antenna ideally designed for multifunction APs that require an omnidirectional coverage pattern for WLAN service delivery or air monitoring on the 2.4 GHz, 5 GHz, and/or 6 GHz bands. The AP-ANT-312 has an articulating mount, providing flexibility in deployment and direct connection to HPE Aruba Networking APs, allowing the antennas to be oriented vertically regardless of the orientation and mount plane of the AP, in deployments where available space is limited and AP-ANT-311 cannot be used. [Learn more.](#)

#### HPE Aruba Networking indoor AP antenna AP-ANT-313

Tri-band, omnidirectional, high-performance dipole antenna (RP-SMA, cabled) for indoor and outdoor use.

The AP-ANT-313 antenna is a high-performance, tri-band, omnidirectional, indoor/outdoor dipole antenna ideally designed for multifunction APs that require an omnidirectional coverage pattern for WLAN service delivery or air monitoring on the 2.4 GHz, 5 GHz, and/or 6 GHz bands. The AP-ANT-313 ships with all hardware for pole or (suspended) ceiling mounted deployments. [Learn more.](#)

#### HPE Aruba Networking indoor AP antenna AP-ANT-320

Dual-polarized, tri-band, 2-element, low profile, downtilt omni antenna (RP-SMA, cabled) for indoor use.

The AP-ANT-320 antenna is a tri-band, 2-element, dual-polarized, low profile, downtilt omnidirectional antenna, intended for discrete ceiling mounted applications, providing coverage for Wi-Fi access in 2.4 GHz, 5 GHz, and/or 6 GHz concurrently. The AP-ANT-320 mounts directly to the suspended ceiling tile. [Learn more.](#)

#### HPE Aruba Networking indoor AP antenna AP-ANT-325

Dual-polarized, cabled tri-band, 2-element medium gain directional panel antenna (RP-SMA) for indoor and outdoor use.

The AP-ANT-325 antenna is a tri-band, 2-element, dual-polarized panel antenna with nominal 90° H x 90° V beamwidths and 5dBi peak gain. This antenna is well suited for indoor and outdoor sector coverage for Wi-Fi access in 2.4 GHz, 5 GHz, and/or 6 GHz concurrently. The AP-ANT-325 can be mounted directly to a wall (or ceiling) using the supplied screws and anchors, or if more flexibility is needed, it can be combined with the optional AP-ANT-MNT-U articulating wall/pole mount. [Learn more.](#)



**HPE Aruba Networking indoor AP antenna AP-ANT-328**

Dual-polarized, cabled tri-band, 2-element, high gain directional panel antenna (RP-SMA) for indoor and outdoor use.

The AP-ANT-328 antenna is a tri-band, 2-element, dual-polarized panel antenna with nominal 60° H x 60° V beamwidths and 8dBi peak gain. This antenna is well suited for indoor and outdoor directional coverage for Wi-Fi access in 2.4 GHz, 5 GHz, and/or 6 GHz concurrently. The AP-ANT-328 can be mounted directly to a wall (or ceiling) using the supplied screws and anchors, or if more flexibility is needed it, can be combined with the optional AP-ANT-MNT-U articulating wall/pole mount. [Learn more.](#)

**HPE Aruba Networking indoor AP antenna AP-ANT-340**

Dual-polarized, tri-band, 4-element, low profile, down-tilt-omni antenna (RP-SMA, cabled) for indoor use.

The AP-ANT-340 antenna is a tri-band, 4-element, dual-polarized, low profile, down-tilt omnidirectional antenna, intended for discrete ceiling mounted applications, providing coverage for Wi-Fi access in 2.4 GHz, 5 GHz and/or 6 GHz concurrently. The AP-ANT-340 mounts directly to the suspended ceiling tile. [Learn more.](#)

**HPE Aruba Networking indoor AP antenna AP-ANT-345**

Dual-polarized, cabled tri-band, 4-element, medium gain directional panel antenna (RP-SMA) for indoor and outdoor use.

The AP-ANT-345 antenna is a tri-band, 4-element, dual-polarized panel antenna with nominal 90° H x 90° V beamwidths and 5dBi peak gain. This antenna is well suited for indoor and outdoor sector coverage for Wi-Fi access in 2.4 GHz, 5 GHz, and/or 6 GHz concurrently. The AP-ANT-345 can be mounted directly to a wall (or ceiling) using the supplied screws and anchors, or if more flexibility is needed, it can be combined with the optional AP-ANT-MNT-U articulating wall/pole mount. [Learn more.](#)

**HPE Aruba Networking indoor AP antenna AP-ANT-348**

Dual-polarized, cabled tri-band, 4-element, high gain directional panel antenna (RP-SMA) for indoor and outdoor use.

The AP-ANT-348 antenna is a tri-band, 4-element, dual-polarized panel antenna with nominal 60° H x 60° V beamwidths and 8dBi peak gain. This antenna is well suited for indoor and outdoor directional coverage for Wi-Fi access in 2.4 GHz, 5 GHz, and/or 6 GHz concurrently. The AP-ANT-348 can be mounted directly to a wall (or ceiling) using the supplied screws and anchors, or if more flexibility is needed, it can be combined with the optional AP-ANT-MNT-U articulating wall/pole mount. [Learn more.](#)

**Dual-band Indoor AP Antennas****HPE Aruba Networking indoor MIMO AP antenna AP-ANT-22**

Indoor MIMO antenna.

The AP-ANT-22 is a kit of two small downtilt omni antennas, intended for use in industrial and stadium applications. [Learn more.](#)

**HPE Aruba Networking indoor/outdoor 4x4 MIMO AP antenna AP-ANT-45**

2.4- and 5-GHz multi-polarized antenna.

The AP-ANT-45 is a multi-polarized antenna with nominal 90° H x 90° V beamwidths. This antenna is well suited for 2.4 and 5 GHz sector coverage for access. [Learn more.](#)

**HPE Aruba Networking indoor/outdoor 4x4 MIMO AP antenna AP-ANT-48**

2.4-GHz and 5-GHz sector Wi-Fi coverage.

The AP-ANT-48 is a multi-polarized antenna with nominal 60° H x 60° V beamwidths. This antenna is well suited for 2.4 and 5 GHz sector coverage for access. [Learn more.](#)



## Dual-band outdoor AP antennas

### HPE Aruba Networking outdoor MIMO antenna ANT-4x4-D707

#### 2.4 GHz and 5 GHz sector Wi-Fi coverage.

The ANT-4x4-D707 is a multi-polarized antenna with 60° H x 60° V beamwidths. This antenna is suited for 2.4 and 5 GHz sector coverage for access. [Learn more.](#)

### HPE Aruba Networking outdoor MIMO antenna ANT-4x4-5314

#### Outdoor multi-polarized 4.9-6.0 GHz antenna.

The ANT-4x4-5314 is a multi-polarized antenna with 30° H x 30° V beamwidths. This antenna is well suited for coverage along a street, for spot coverage, or for covering a seating section in stadiums and other large public venues. [Learn more.](#)

### HPE Aruba Networking outdoor antenna kit ANT-2X2-2005

#### Two outdoor 2.4-2.5 GHz omnidirectional antennas.

The ANT-2x2-2005 is a kit of two omnidirectional antennas for use in 802.11n MIMO mesh link and client access applications. The kit contains two differently polarized antennas to be used as a 2x2 MIMO pair and provides coverage in the 2.4-2.5 GHz frequency band. [Learn more.](#)

### HPE Aruba Networking outdoor MIMO antenna kit ANT-2X2-2314

#### Outdoor MIMO antenna.

The ANT-2x2-2314 is a dual-polarized antenna with 30° H x 30° V beamwidths. This antenna is well suited for coverage along a street, for spot coverage, or for covering a seating section in stadiums and other large public venues. [Learn more.](#)

### HPE Aruba Networking outdoor antenna kit ANT-2x2-5005

#### Outdoor 4.9-5.875 GHz Vpol and Hpol antennas.

The ANT-2x2-5005 is a kit of two omnidirectional antennas for use in MIMO mesh link and client access applications. The kit contains two differently polarized antennas to be used as a 2x2 MIMO pair and provides coverage in the 4.9 – 5.875 GHz frequency band. [Learn more.](#)

### HPE Aruba Networking outdoor antenna kit ANT-2x2-5010

#### Outdoor 4.9-5.875 GHz Vpol and Hpol antennas.

The ANT-2x2-5010 is a kit of two omnidirectional antennas for use in MIMO mesh link and client access applications. The kit contains two differently polarized antennas to be used as a 2x2 MIMO pair and provides coverage in the 4.9 – 5.875 GHz frequency band. [Learn more.](#)

### HPE Aruba Networking outdoor MIMO antenna kit ANT-2x2-5314

#### Outdoor MIMO antenna.

The ANT-2x2-5314 is a dual-polarized antenna with 30° H x 30° V beamwidths. This antenna is well suited for coverage along a street, for spot coverage, or for covering a seating section in stadiums and other large public venues. It is also ideal for point-to-point connections. The narrower beamwidth reduces the zone where interference may be received. [Learn more.](#)

### HPE Aruba Networking outdoor antenna ANT-2x2-2714

#### Outdoor 2.4-2.483 GHz 70-degree antenna.

The ANT-2x2-2714 is a 2-element 70-degree sector antenna for use in MIMO mesh link applications. The antenna integrates two differently polarized elements and provides coverage of 2.400 – 2.483 GHz frequency band in a single antenna radome. [Learn more.](#)



## Gateway LTE antennas

### HPE Aruba Networking 9004 LTE-ANTI indoor antenna

#### High-performance omnidirectional indoor dipole antenna.

The 9004-LTE-ANTI is designed for use with HPE Aruba Networking 9004-LTE gateways. The 9004-LTE-ANTI plugs into onboard RP-SMA connectors on 9004-LTE gateways as main and diversity antennas. The antenna can be used as a GPS antenna and can also be extended using an indoor antenna extender kit. [Learn more.](#)

### HPE Aruba Networking 9004 LTE-ANTO outdoor antenna

#### High-performance omnidirectional outdoor dipole antenna.

The 9004-LTE-ANTO is designed for use with the HPE Aruba Networking 9004-LTE gateways. The 90xx-LTE-ANTO is installed outdoors and is connected to a 9004-LTE via the outdoor extender cable. The antenna can also be used as a GPS antenna. [Learn more.](#)

## USB accessories

### HPE Aruba Networking USB LTE modem

Add high speed primary or backup WLAN uplinks to your APs and gateways with the HPE Aruba Networking USB LTE modem. It provides high-speed connectivity with LTE Cat 12 speeds and can be configured as a backup or primary WAN uplink, ideal for small office/home office, branch, and pop-up locations. [Learn more.](#)

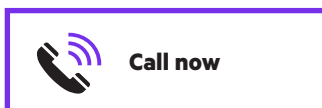
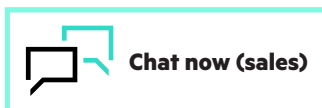
### HPE Aruba Networking AP Bluetooth and Zigbee expansion radio

Extend 802.15.4 support where needed. Rather than replacing older APs, the HPE Aruba Networking Indoor AP BLE and Zigbee USB dongles plug in to meet the IoT requirements for food safety, cooking and refrigeration, heat, lighting, leak, load controls, door locking, and other sensors. [Learn more.](#)

## Learn more

Learn more about HPE Aruba Networking [wireless solutions.](#)

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