

DATA SHEET

ARUBA AP-ANT-1W INDOOR ANTENNAS

JW009A

The AP-ANT-1W is a high-performance, dual band, omnidirectional, indoor antenna ideally designed for multifunction access points that require an omnidirectional coverage pattern for WLAN service delivery or air monitoring on both the 2.4 GHz and 5 GHz bands. AP-ANT-1W has an articulating mount, providing flexibility in deployment and direct connection to Aruba access points with an onboard RP-SMA connector. The AP-ANT-1W is the preferred choice for multi-purpose service deployment or wireless intrusion prevention (WIP). It is offered in two colors to match the colors of Aruba indoor access points: the AP-ANT-1W antenna in white.

FREQUENCY/MAX GAIN

- 2.4-2.5 GHz (3.8 dBi)
- 4.9-5.875 GHz (5.8 dBi)

POLARIZATION

- Linear, vertical. Omnidirectional patterns at all frequencies with increased gain in mid and upper 5 GHz bands

BEAMWIDTH

- 2.4-2.5 GHz
 - E-Plane: 50 degrees
 - H-Plane: 360 degrees
- 4.9-5.875 GHz
 - E-Plane: 25 degrees
 - H-Plane 360: degrees

IMPEDANCE

- 50 ohms

MAXIMUM INPUT POWER

- 2 watts



VSWR (MINIMUM PERFORMANCE)

- < 2.0:1

DIMENSIONS (INCHES/CENTIMETERS)

- 0.75" (1.9 cm) x 1.54" (3.9 cm) x 5.00" (12.7 cm)

HOUSING

- ABS, UV resistant

FLY CABLE LENGTH/CONNECTOR

- Articulating mount with built-in RP-SMA

OPERATING/STORAGE TEMPERATURE

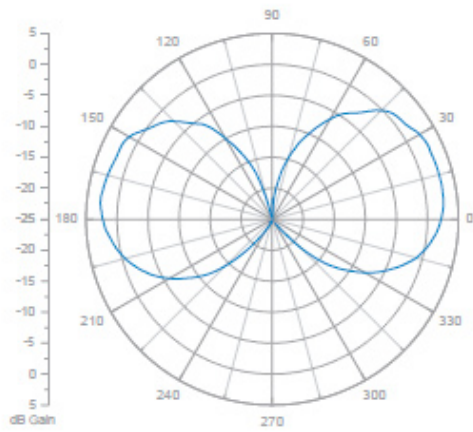
- -10° C to +55° C (+14° F to +131° F)

INSTALLATION HARDWARE

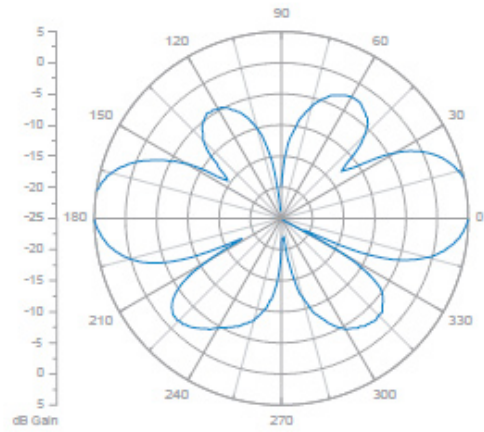
- N/A – antenna mounts directly to an Aruba AP

ANTENNA PATTERN PLOTS

Elevation plane

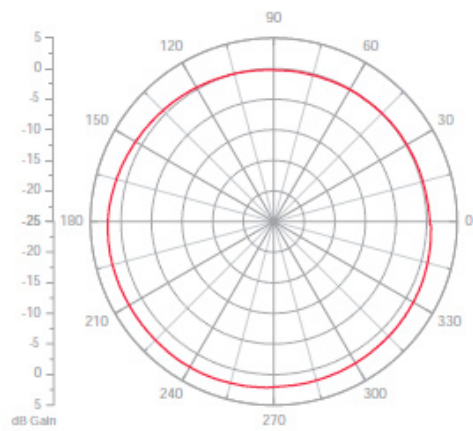


2450 MHz

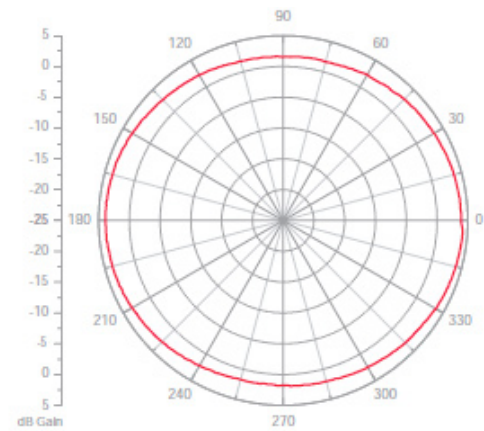


5150 MHz

Azimuth plane



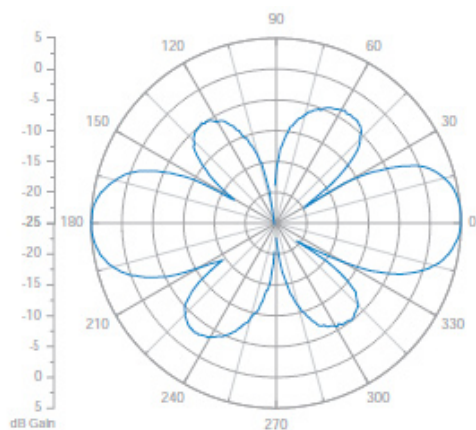
2450 MHz



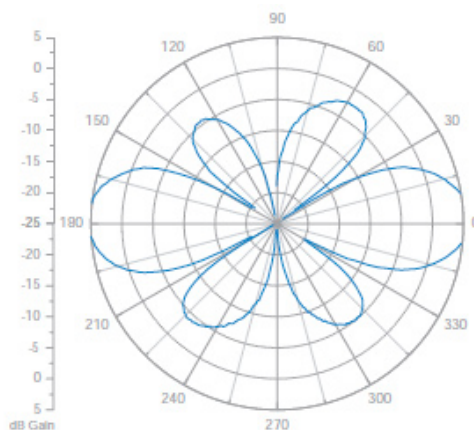
5150 MHz

ANTENNA PATTERN PLOTS

Elevation plane

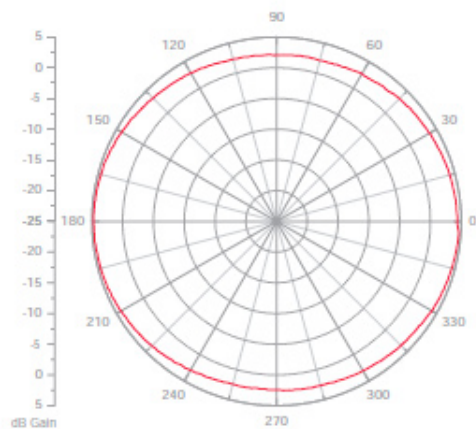


5500 MHz

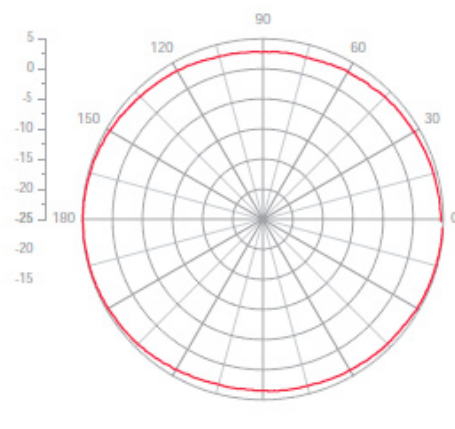


5750 MHz

Azimuth plane



5500 MHz



5750 MHz

ORDERING INFORMATION

Part Number	Description
JW009A	AP-ANT-1W 2.4-2.5GHz (4dBi)/4.9-5.875GHz (6dBi) Hi Gain Dual-band Omni-Dir Indoor Antenna