

## DATA SHEET

# ARUBA INDOOR/OUTDOOR OMNI ANTENNA

JW004A

The wideband AP-ANT-19 antenna offers full-band coverage for 802.11b/a/g/n and includes all hardware required to mount indoors or outdoors. The antenna provides the “no compromise” performance expected from a single-band radio system in a dual-band radio.

While many dual-band antennas are a compromise between the two operating bands, the AP-ANT-19 provides full-band coverage and omnidirectional coverage over both bands.

### FREQUENCY/MAX GAIN

- 2.4 – 2.5 GHz (3 dBi)
- 5.15 – 5.875 GHz (6 dBi)

### POLARIZATION

- Vertical

### BEAMWIDTH

- E-plane: 50 degrees (2.4 GHz), 20 degrees (5 GHz)
- H-plane: 360 degrees

### IMPEDANCE

- 50 ohms

### MAXIMUM INPUT POWER

- 10 watts

### VSWR (MINIMUM PERFORMANCE)

- < 2.0:1

### HEIGHT

- 245 mm (9.6 in)

### WEIGHT

- 140 g (0.30 lb)

### ENCLOSURE

- Polycarbonate

### FLY CABLE LENGTH/CONNECTOR

- 914 mm (36 in) Coaxial Cable White/RP-SMA



### OPERATING TEMPERATURE

- -40° C to +70° C

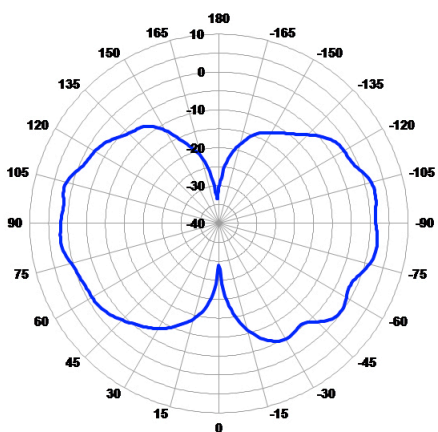
### INSTALLATION HARDWARE

- Unit ships with all necessary mounting materials to support ceiling, I-beam or pole mounting.

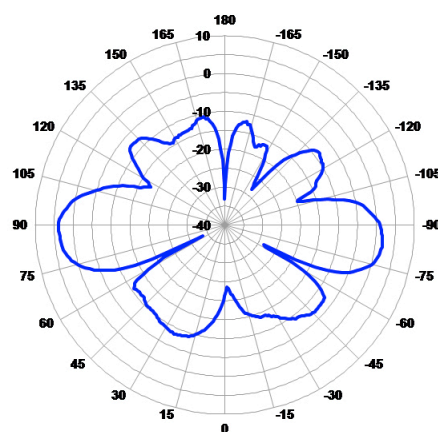
INSTALLATION HARDWARE	
Part number	Description
AP-ANT-19	Dual Band, Omnidirectional 3 dBi/6 dBi, Indoor/Outdoor, RPSMA connector with 36 inch integrated pigtail cable. Pole mount, I-beam, and ceiling tile mount hardware included.
AP-ANT-19-KIT	Kit of 3 AP-ANT-19 antennas

## ANTENNA PATTERN PLOTS

Elevation plane

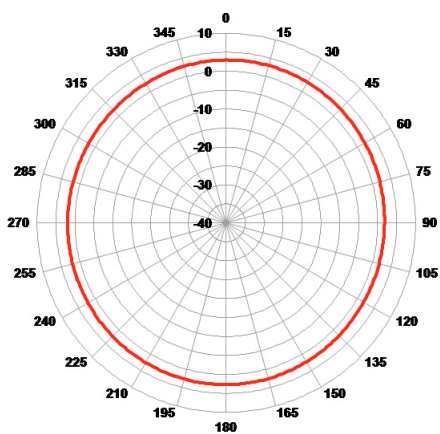


E-plane – 2.45 GHz

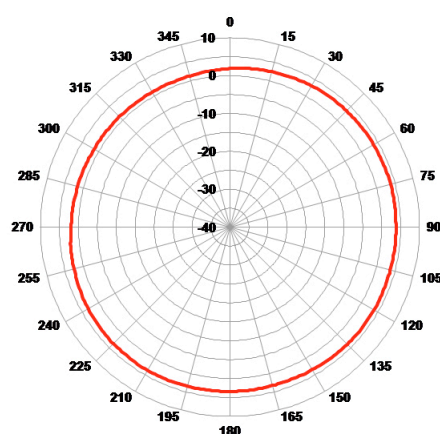


E-plane – 5.5 GHz

Azimuth plane



H-plane – 2.45 GHz



H-plane – 5.5 GHz

### ORDERING INFORMATION

Part Number	Description
JW004A	AP-ANT-19 2.4/5G Dual Band Omni-Dir 3dBi/6dBi Indr/Otdr RPSMA Cnctr Ant w/36in Intgrtd Cable