

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

• -30° C to +70° C

INSTALLATION HARDWARE

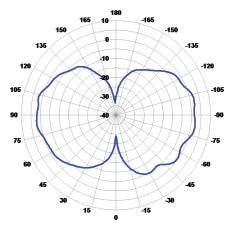
• Unit ships with all necessary mounting materials to support ceiling, I-beam or pole mounting.

INSTALLATION HARDWARE

| Part Number | Description |
|--------------------|--|
| AP-ANT-19 (JW004A) | 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. |

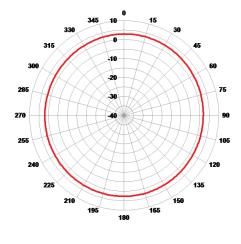
ANTENNA PATTERN PLOTS

Elevation plane

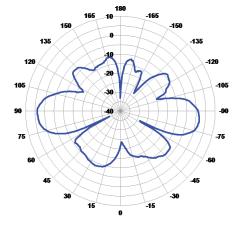


E-plane – 2.45 GHz

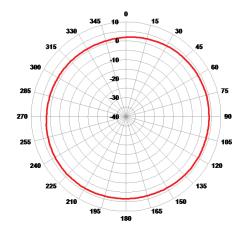
Azimuth plane



H-plane – 2.45 GHz



E-plane – 5.5 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 |



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