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.

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<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP-ANT-19 (JW004A)</td>
<td>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.</td>
</tr>
</tbody>
</table>
**ANTENNA PATTERN PLOTS**

Elevation plane

![E-plane – 2.45 GHz](image1)

![E-plane – 5.5 GHz](image2)

Azimuth plane

![H-plane – 2.45 GHz](image3)

![H-plane – 5.5 GHz](image4)

**ORDERING INFORMATION**

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