AP-ANT-16 is a dual-band 3-element omni-directional antenna for use in 802.11n MIMO applications. Housed in a compact, low-profile PVC/Acrylic Radome, the antenna can be mounted to a variety of drop ceiling grids using the integrated spring clips. Each of the three MIMO antenna elements is connected to the Aruba Access Point via a low-loss, plenum-rated coax pigtail. The radiation patterns are uniform and symmetrical, providing high-level signal density into defined coverage zones. This antenna will greatly enhance the performance of 802.11n systems. The dual-band frequency coverage means that a single type of antenna can be deployed with any MIMO radio in the 2.4-2.5 and 4.9-5.9 GHz bands.

As a multi-antenna array, the AP-ANT-16 can be used with a single AP-124 to provide full dual-band 802.11a/b/g/n MIMO coverage or the three elements can be used individually or in combination to provide diversity/non-diversity coverage with legacy 802.11a/b/g access points.

**FREQUENCY/MAX GAIN**
- 2.4-2.5 GHz (3.9 dBi)
- 4.9-5.9 GHz (4.7 dBi)

**POLARIZATION**
- Vertically polarized omni-directional

**BEAMWIDTH**
- E-plane (Elevation): 60 degrees (centered at +/-45 degrees down angle)
- H-plane (Azimuth): Omni-directional

**IMPEDANCE**
- 50 ohms

**MAXIMUM INPUT POWER**
- 2 watts

**VSWR (MINIMUM PERFORMANCE)**
- < 2.0:1
ANTENNA PATTERN PLOTS

Elevation plane

Elevation Plane - 2.45 GHz

Elevation Plane - 5.47 GHz

Azimuth plane

Azimuth Plane - 2.45 GHz

Azimuth Plane - 5.47 GHz

ORDERING INFORMATION

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<td>JW003A</td>
<td>ANT-16 2.4-2.5GHz (3.9dBi)/4.9-5.9GHz (4.7dBi) 3 Elmt MIMO Ant w/Downtilt Omni-Dir Antenna</td>
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