

## ARUBA INDOOR/OUTDOOR MIMO ANTENNA AP-ANT-18

AP-ANT-18 is a dual-band three-element 60-degree sector antenna for use in 802.11n MIMO applications. The antenna provides coverage of 2.4 to 2.5 GHz and 5.15 to 5.875 GHz in a single antenna radome. Additional features include light weight and durable construction and UV-protected radome made of plastic.

### FREQUENCY / MAX GAIN

- 2.4 – 2.5 GHz (7.5 dBi)
- 5.15 – 5.875 GHz (7.5 dBi)

### POLARIZATION

- Linear vertical & dual slant +/-45 degrees

### BEAMWIDTH

- E-plane: 60 degrees
- H-plane: 60 degrees

### IMPEDANCE

- 50 ohms

### MAXIMUM INPUT POWER

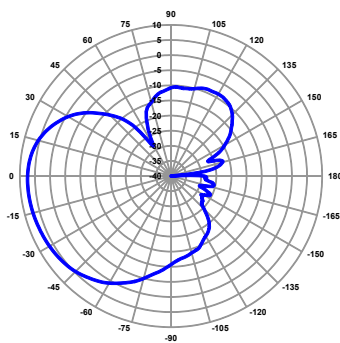
- 20 watts

### VSWR (MINIMUM PERFORMANCE)

- < 1.8:1

### ANTENNA PATTERNS

- E-plane - 2.45 GHz



### DIMENSIONS

- 200 mm x 200 mm x 33 mm (7.87" x 7.87" x 1.30")

### WEIGHT

- 260 g (9.17 oz)

### HOUSING

- Backplane: Aluminum; protected through chemical passivation
- Radome: UV protected plastic

### FLY CABLE LENGTH / CONNECTOR

- 30" coaxial cable RG 316 white/RP-SMA (3x)

### OPERATING / STORAGE TEMP.

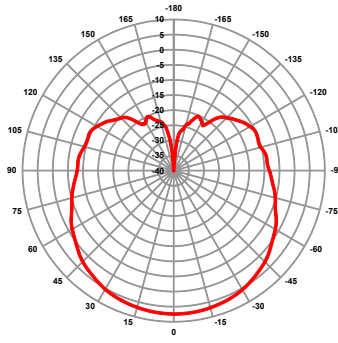
- -40° to +70° C

### INSTALLATION HARDWARE

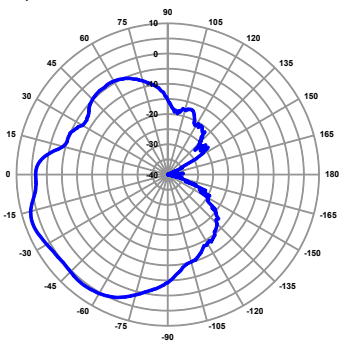
- Wall mountable, four drywall and concrete wall anchors and screws included. For az/el adjustment on wall mount or pole mount order AP-ANT-MNT-1 kit in addition to antenna.



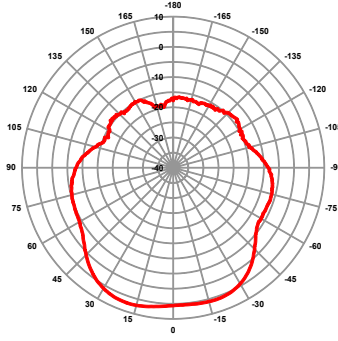
- H-plane - 2.45 GHz



- E-plane - 5.5 GHz



- H-plane - 5.5 GHz



■ ELEVATION PLANE

■ AZIMUTH PLANE