

#### **DATA SHEET**

# ARUBA INDOOR/OUTDOOR MIMO ANTENNA

JW013A

AP-ANT-28 is a dual-polarized antenna with  $60^{\circ}$  H x  $60^{\circ}$  V beamwidths. This antenna is well suited for 2.4-GHz and 5-GHz sector coverage for Wi-Fi access.

## FREQUENCY RANGE/PEAK GAIN

- · 4.9-6.0 GHz/7.5 dBi
- · 2.4-2.5 GHz/7.5 dBi

## **DIMENSIONS**

• 197.5 mm x 197.5 mm x 34.5 mm (7.5" x 7.5" x 1.2")

## **POLARIZATION**

• Slant +/- 45°

## **WEIGHT**

• 489 g (1.1 lbs)

# **BEAMWIDTH**

· Horizontal plane: 60°

· Vertical plane: 60°

## **HOUSING**

· Housing: Aluminum

· Radome: Plastic

## **IMPEDANCE**

• 50 ohms

# **PIGTAIL CABLES**

• Terminated RP-SMA male 75 cm (30 ")

## **MAXIMUM INPUT POWER**

6 watts

## **OPERATING TEMPERATURE**

• -45° C to +65° C



## **VSWR**

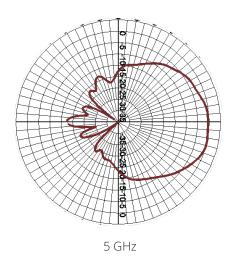
• 2:1 max

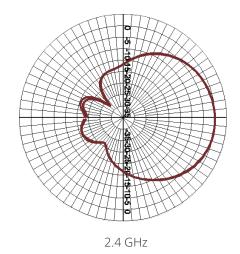
#### **INSTALLATION HARDWARE**

- Ships with wall anchors
- Azimuth/elevation mount kit for wall and pole sold separately as AP-ANT-MNT-3

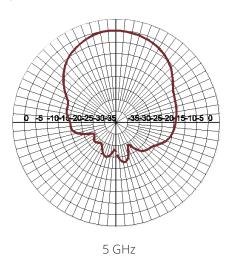
# **ANTENNA PATTERN PLOTS**

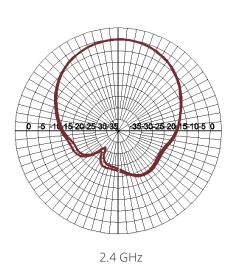
## Vertical patterns





# Horizontal patterns





ORDERING INFORMATION	
Part Number	Description
JW013A	AP-ANT-28 Dual Band 60x60deg 7.5dBi +/- 45 Pol 2 Element MIMO 2xRPSMA Pigtail Antenna
JW020A	AP-ANT-MNT-3 AP-ANT-25A/28/35A/38 Azimuth and Elevation Adjustable Mount Kit



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