

## DATA SHEET

# ARUBA OUTDOOR 4X4 MIMO ANTENNA

JW019A

AP-ANT-48 is a multi-polarized antenna with nominal 60° H x 60° V beamwidths. This antenna is well suited for 2.4 and 5 GHz sector coverage for access.

#### **FREQUENCY/NOMINAL GAIN**

- 4.9-6.0 GHz/8.5 dBi min
- 2.4-2.5 GHz/8.5 dBi min

#### DIMENSIONS

• 190 mm x 190 mm x 44 mm (Excluding wall mount flanges)

#### POLARIZATION

• +/- 45° +/- 135°

#### WEIGHT

• 700 g

#### **BEAMWIDTH**

- Horizontal plane: 70° @ 2.4 GHz
  Vertical plane: 70° @ 2.4 GHz
- Horizontal plane: 56° @ 5.x GHz Vertical plane: 56° @ 5.x GHz

#### HOUSING

- Housing: Aluminum
- Radome: Plastic

#### **IMPEDANCE**

• 50 ohms

#### **CONNECTION**

• 75 cm RPSMA terminated pigtails

#### **MAXIMUM INPUT POWER**

• 6 watts

## **OPERATING TEMPERATURE**

• -45° C to +65° C

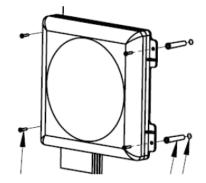


### VSWR

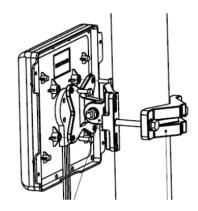
• 2:1 max

## **INSTALLATION HARDWARE**

- Wall mount anchors provided
- · Optional AP-ANT-MNT-4 bracket purchased separately



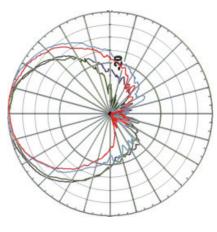
Wall mount



With Pole Mount Kit

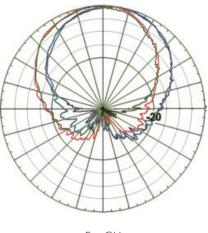
## **ANTENNA PATTERN PLOTS**

Vertical patterns

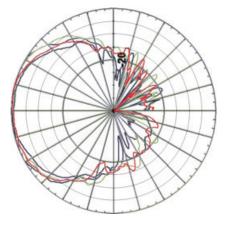


5.x GHz

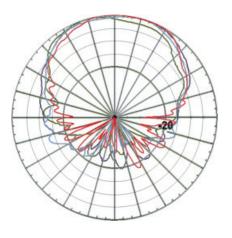
Horizontal patterns



5.x GHz



2.4 GHz



2.4 GHz

ORDERING INFORMATION	
Part Number	Description
JW019A	AP-ANT-48 Dual Band 60x60deg 8dBi 4 Element MIMO 4xRPSMA Pigtail Antenna
JW021A	AP-ANT-MNT-4 AP-ANT-48 Azimuth and Elevation Adjustable Mount Kit



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