

DATA SHEET

ARUBA INDOOR/
OUTDOOR MIMO
ANTENNA

SOA66A

AP-ANT-28A is a dual-polarized antenna with nominal 60° H x 60° 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

- 190 mm x 190 mm x 40 mm (7.5" x 7.5" x 1.5")

POLARIZATION

- Slant +/- 45°

WEIGHT

- 700 g (1.5 lbs)

BEAMWIDTH

- Horizontal plane: 70° @ 2.4Ghz
- Vertical plane: 70° @ 2.4Ghz
- Horizontal plane: 56° @ 5Ghz
- Vertical plane: 56° @ 5Ghz

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

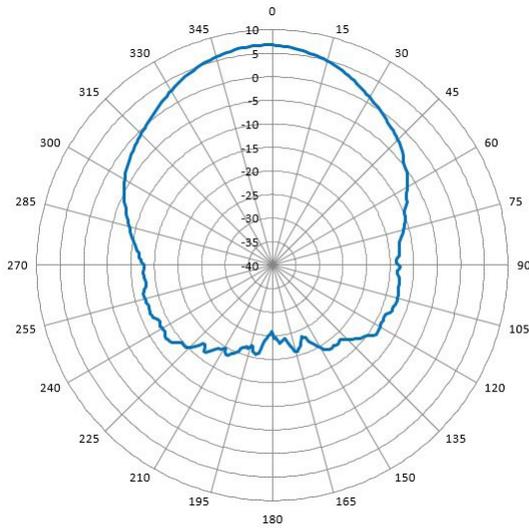
INSTALLATION HARDWARE

- Ships with wall anchors
- Optional AP-ANT-MNT-4 bracket purchased separately

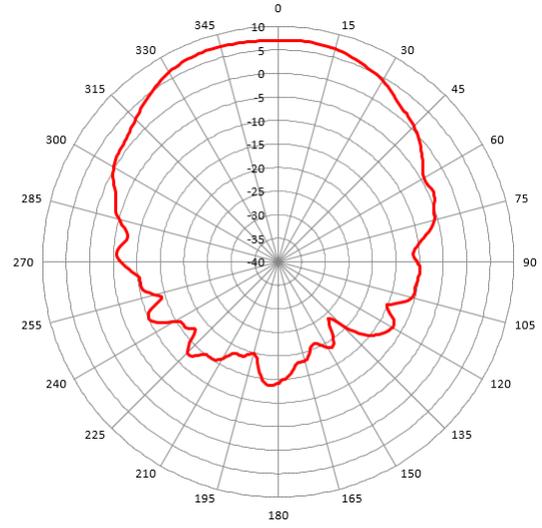


ANTENNA PATTERN PLOTS

Vertical patterns

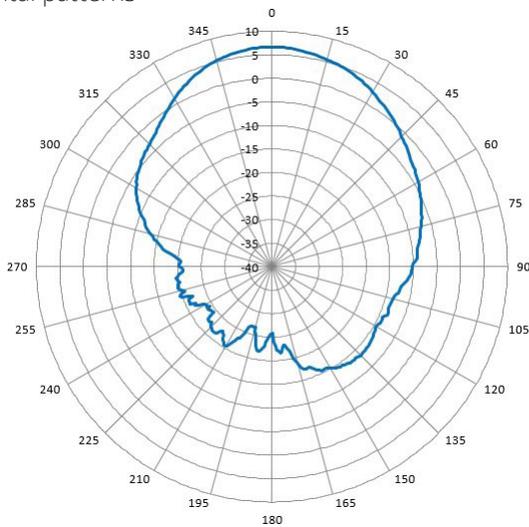


5 GHz

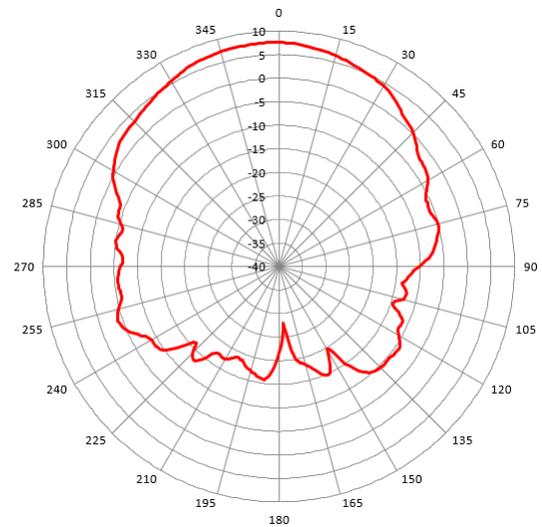


2.4 GHz

Horizontal patterns



5 GHz



2.4 GHz

ORDERING INFORMATION

Part Number	Description
S0A66A	AP-ANT-28A Dual Band 60x60deg 7.5dBi +/- 45 Pol 2 Element MIMO 2xRPSMA Pigtail Antenna
JW021A	AP-ANT-MNT-4 AP-ANT-28A/48 Azimuth and Elevation Adjustable Mount Kit



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