

DATA SHEET

ARUBA OUTDOOR MIMO ANTENNA ANT-2X2-2005

JW023A

ANT-2x2-2005 is a kit of two omnidirectional antennas for use in 802.11n MIMO mesh link and client access applications. The kit contains two differently polarized antennas to be used as a 2x2 MIMO pair, and provides coverage in the 2.4-2.5 GHz frequency band.



FREQUENCY/MAX GAIN

- 2.4 – 2.5 GHz (5 dBi)

POLARIZATION

- Vpol antenna: linear, vertical
- Hpol antenna: linear, horizontal

BEAMWIDTH

- E-plane: 30 degrees (Vpol antenna),
25 degrees (Hpol antenna)
- H-plane: 360 degrees

IMPEDANCE

- 50 ohms

MAXIMUM INPUT POWER

- Vpol antenna: 50 watts
- Hpol antenna: 10 watts

VSWR (MINIMUM PERFORMANCE)

- Vpol antenna: <1.7:1
- Hpol antenna: <2.0:1

DIMENSIONS

- Vpol antenna: 309 x 32 x 32 mm
- Hpol antenna: 329 x 45 x 45 mm

MOUNTING STYLE

- Direct mount on AP or pole mount

CONNECTOR

- N-type male (Note: RF cables not included)

DIMENSIONS

- Vpol antenna: 309 x 32 x 32 mm
- Hpol antenna: 329 x 45 x 45 mm

WEIGHT

- Vpol antenna: 140 g
- Hpol antenna: 260 g

RADOME MATERIAL

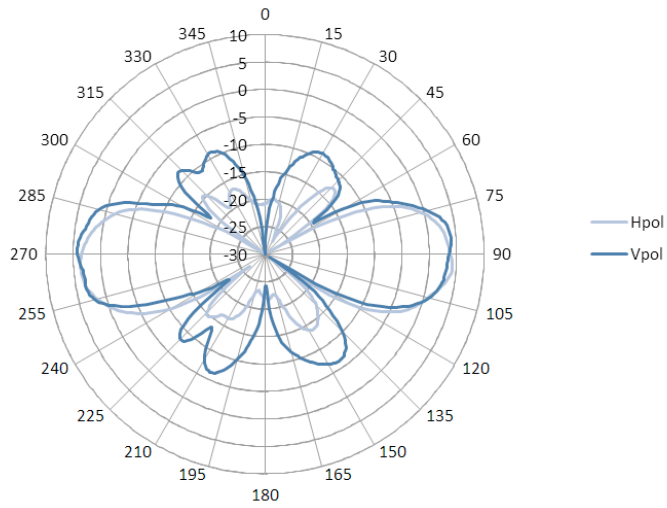
- Polycarbonate, UV, white

TEMPERATURE RANGE

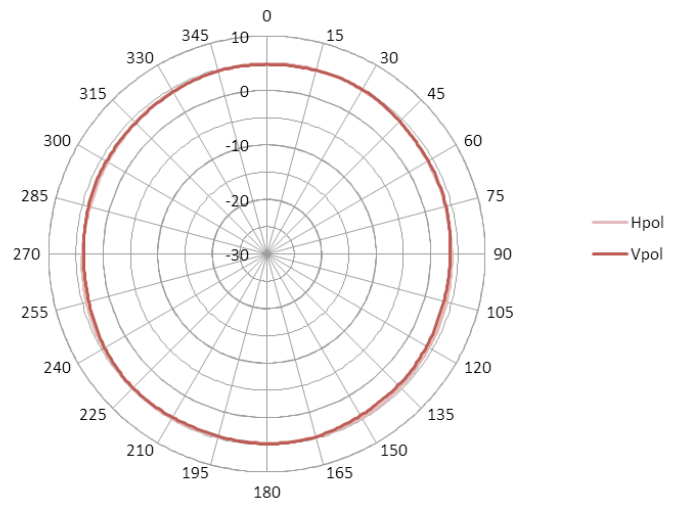
- -30o C to +70o C (operating), -40o C to +85o C (storage)

INSTALLATION HARDWARE

- Pole mount kit included.



E-plane (side view) – 2.45 GHz



H-plane (top view) – 2.45 GHz

ORDERING INFORMATION

Part Number	Description
JW023A	ANT-2x2-2005 Pair 2.4GHz 5dBi Omni N-type Direct Mount Outdoor Antennas