

# HPE Aruba Networking Outdoor MIMO Antenna ANT-2x2-2005



The HPE Aruba Networking 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° (Vpol antenna),
- 25° (Hpol antenna)
- H-plane: 360°

**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

**Connectors**

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

**Weight**

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

**Radome material**

- Polycarbonate, UV, white

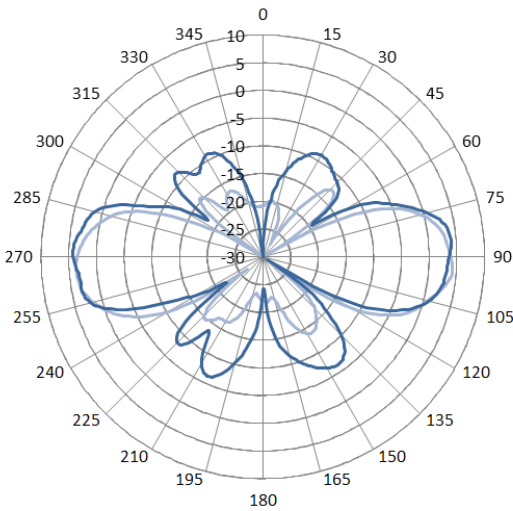
**Temperature range**

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

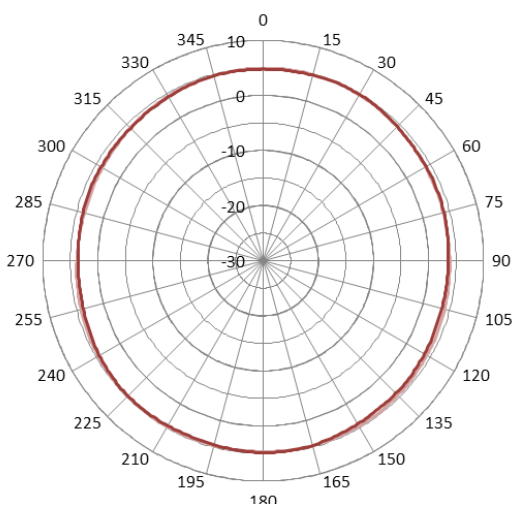
**Installation hardware**

- Pole mount kit included

Antenna pattern plots



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 |

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