

DATA SHEET

ARUBA AP-ANT-20 INDOOR ANTENNAS

JW010A, JW011A

2.4-GHz and 5-GHz dual-band omnidirectional direct-mount indoor AP antenna

AP-ANT-20 is a compact, dual-band indoor antenna ideally designed for multifunction APs that require omnidirectional coverage for the 2.4-GHz and 5-GHz bands. It features an articulating mount for deployment flexibility and connects directly to Aruba APs via external RP-SMA antenna connectors. It is offered in two colors to match the colors of Aruba indoor APs.

FREQUENCY/MAX GAIN

- 2.4-2.5 GHz (2.0 dBi)
- 4.9-5.875 GHz (2.0 dBi)

POLARIZATION

- Linear, vertical. Omnidirectional patterns at all frequencies

BEAMWIDTH

- E-plane: 80 degrees
- H-plane: 360 degrees

IMPEDANCE

- 50 ohms

MAXIMUM INPUT POWER

- 2 watts

VSWR (MINIMUM PERFORMANCE)

- < 2.0:1

DIMENSIONS (MM)

- 79 x 35.3 x 10 with articulating mount at 90 degree angle
- 102 x 14.8 x 10 fully extended

ENCLOSURE

- POM/ABS

FLY CABLE LENGTH/CONNECTOR

- Articulating mount with built-in RP-SMA



OPERATING TEMPERATURE

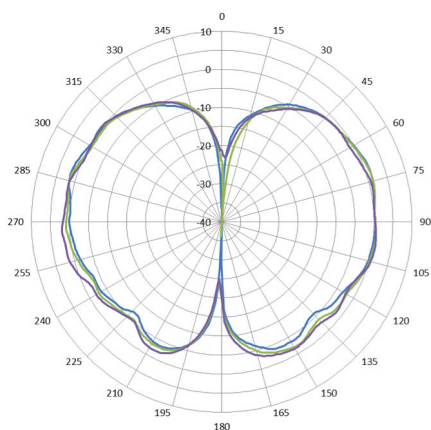
- -10° C to +55° C (+14° F to +131° F)

INSTALLATION HARDWARE

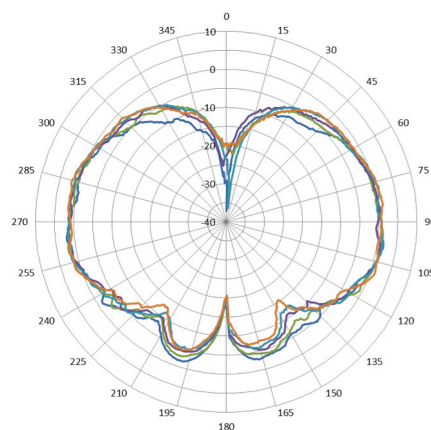
- N/A – antenna mounts directly to an Aruba AP

ANTENNA PATTERN PLOTS

Elevation plane

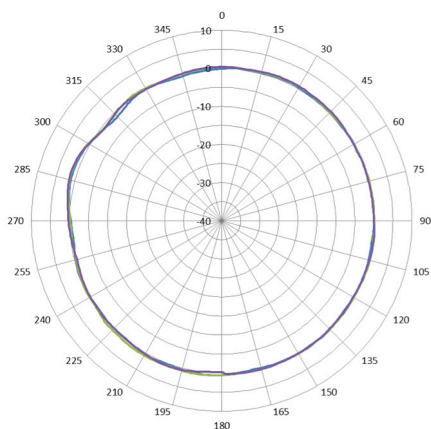


E-plane – 2.4 GHz

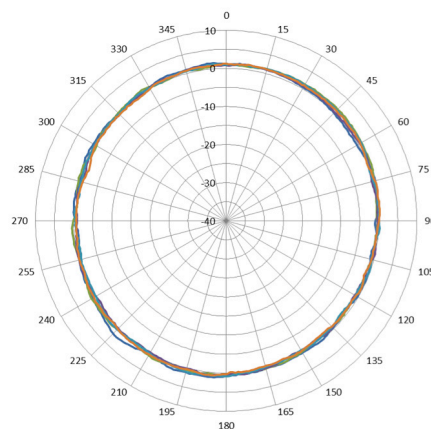


E-plane – 5 GHz

Azimuth plane



H-plane – 2.4 GHz



H-plane – 5 GHz

ORDERING INFORMATION

Part Number	Description
JW010A	AP-ANT-20A 2.4-2.5GHz (2dBi)/4.9-5.875GHz (2dBi) Compact Omni-Dir DMt Indr Classic Antenna
JW011A	AP-ANT-20W 2.4-2.5GHz (2dBi)/4.9-5.875GHz (2dBi) Compact Omni-Dir DMt Indr White Antenna