

Aruba Outdoor Antenna AP-ANT-90

Outdoor Dual-Band, Down-Tilt Omni-Directional Diversity Antenna Specifications

Application

The Aruba AP-ANT-90 is a dual-band, spatial diversity, high-performance outdoor down-tilt omni antenna designed for serving WLAN services to clients across multiple bands or where spatial diversity is desired in a single antenna package. It suits a variety of applications including comprehensive outdoor area coverage from various high mount locations such as lighting gantries, derricks or warehouse ceilings. AP-ANT-90 supports spectral coverage from 2.4-2.5GHz & 4.9-5.99GHz frequencies from each antenna interface of which the device supports two. It's housing is UV stabilized and weather proof for care free outdoor deployment, mountable on any overhead area, gantry or pole.

FREQUENCY / GAIN

2.400GHZ (3.67dBi)	Maximum gain directed at 45 degrees from antenna position
2.450GHZ (2.55dBi)	
2.500GHZ (2.83dBi)	
4.900Ghz (5.14dBi)	
5.150Ghz (4.10dBi)	
5.550Ghz (3.32dBi)	
5.990Ghz (3.31dBi)	

OPERATING TEMPERATURE

-40C to +70C / -40F to +158F

WIND SPEED SURVIVAL (MPH/KPH)

N/A

INSTALLATION HARDWARE

Ceiling / overhang mounting hardware provided

POLARIZATION

Linear Vertical, Down-tilt, Omni-Directional

BEAMWIDTH

Elevation:

- Lowband 2.400-2.500Ghz (57 to 61 degree)
- Highband 4.900Ghz (61 degree)
- Highband 5.150Ghz (59 degree)
- Highband 5.550Ghz (57 degree)
- Highband 5.900Ghz (55 degree)

Azimuth:

Omni-directional (360 degree)

IMPEDANCE

50 ohms

MAXIMUM INPUT POWER

2 watts

VSWR (MINIMUM PERFORMANCE)

< 2.0:1

DIMENSIONS (INCHES/CENTIMETERS)

6.16" (15.65cm) x 0.89" (2.26cm) x 3.66" (9.30cm)

HOUSING

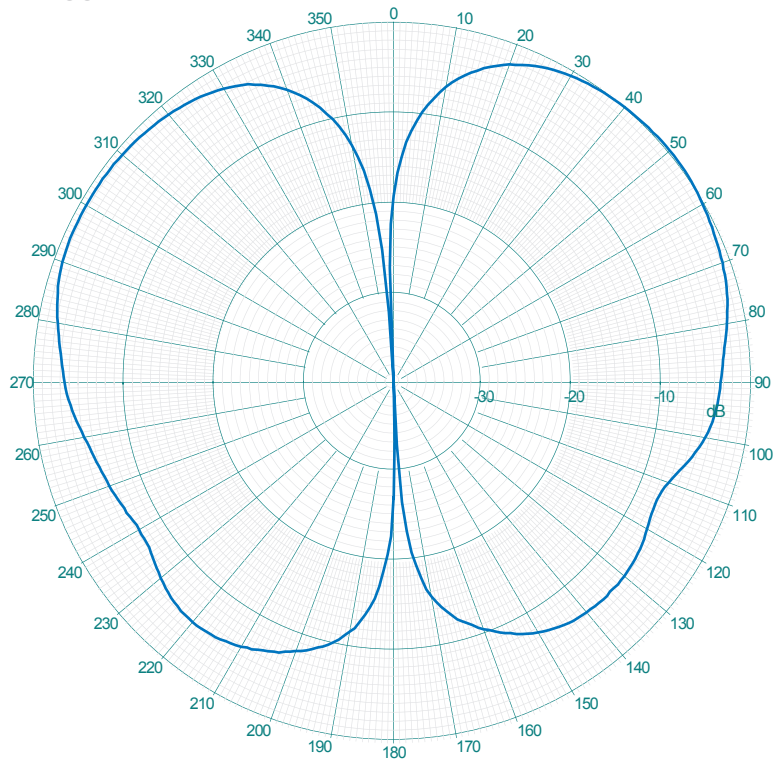
Acrylic/PVC and Weatherproof

FLY CABLE LENGTH / CONNECTOR

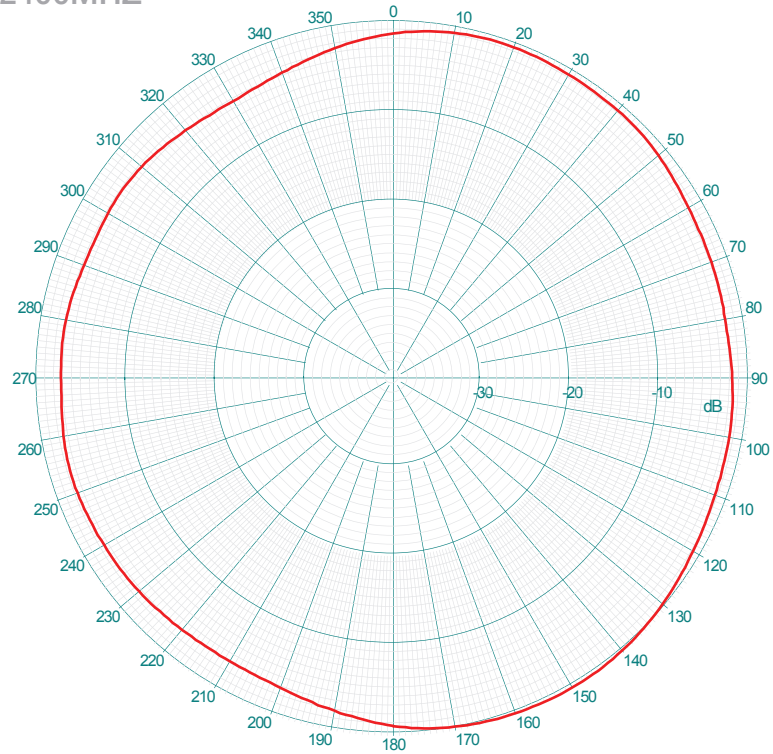
Dual 36" / N-Type Male (each interface is dual-band)



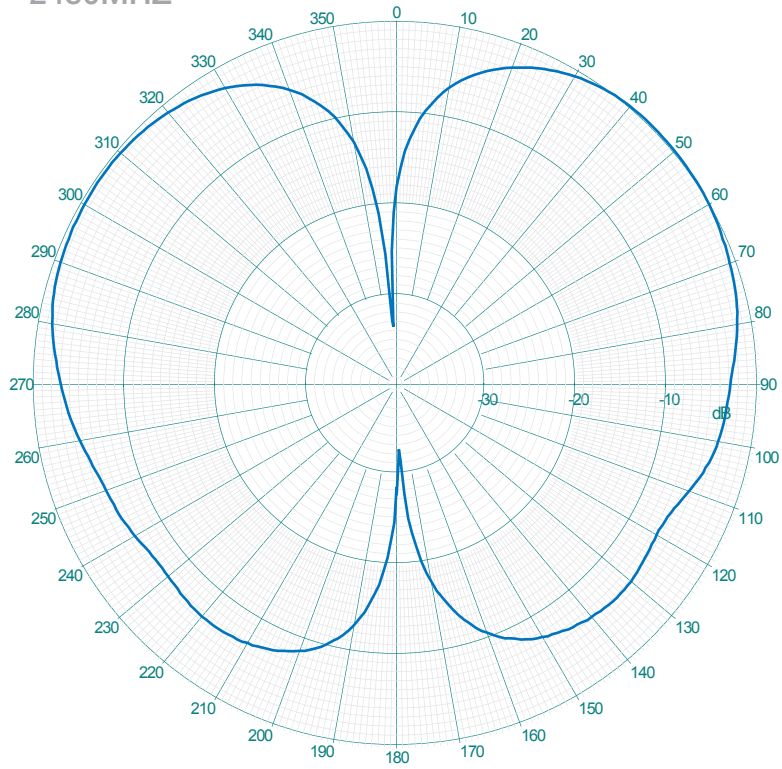
■ ELEVATION PLANE - 2400MHZ



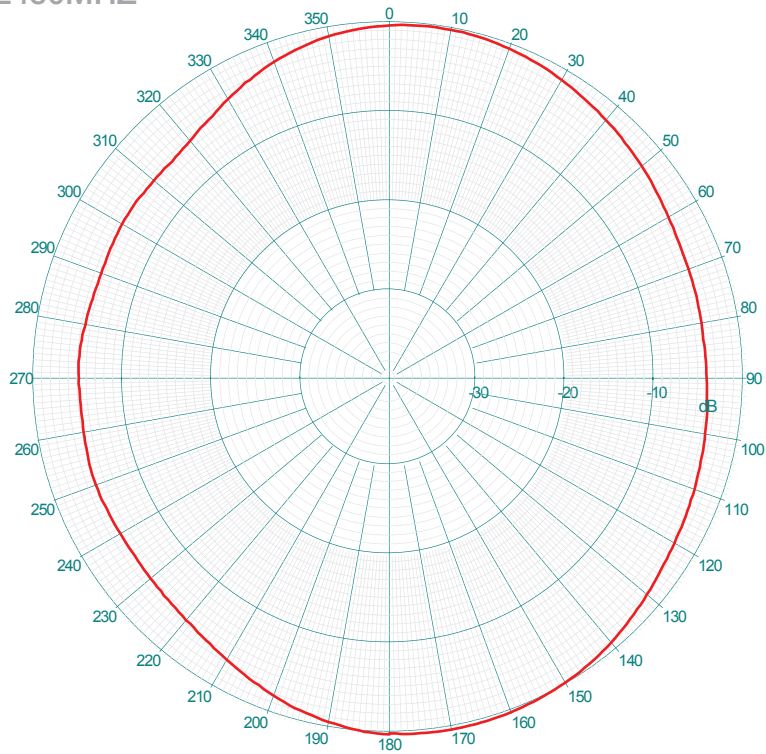
■ AZIMUTH PLANE - 2400MHZ



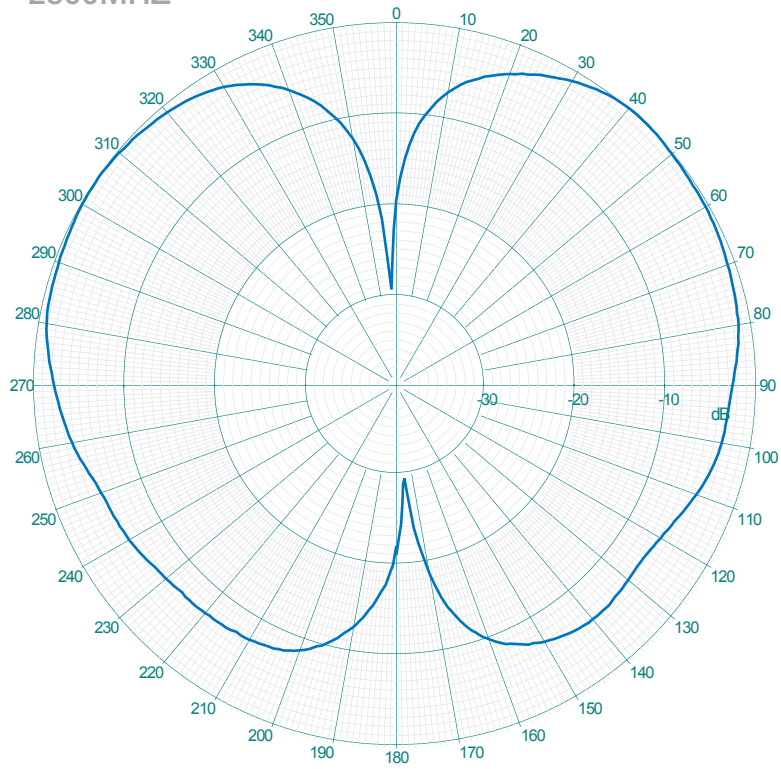
■ ELEVATION PLANE - 2450MHZ



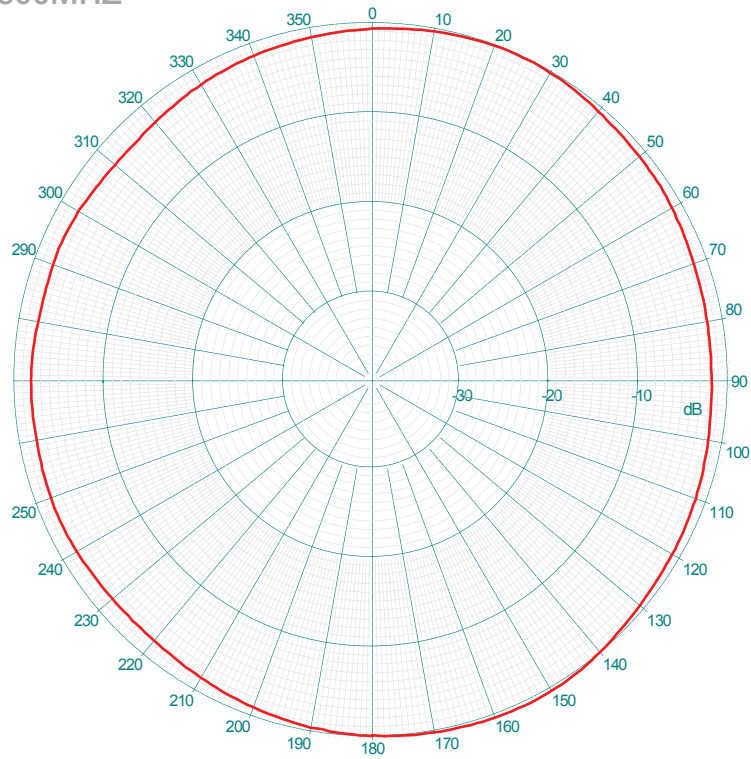
■ AZIMUTH PLANE - 2450MHZ



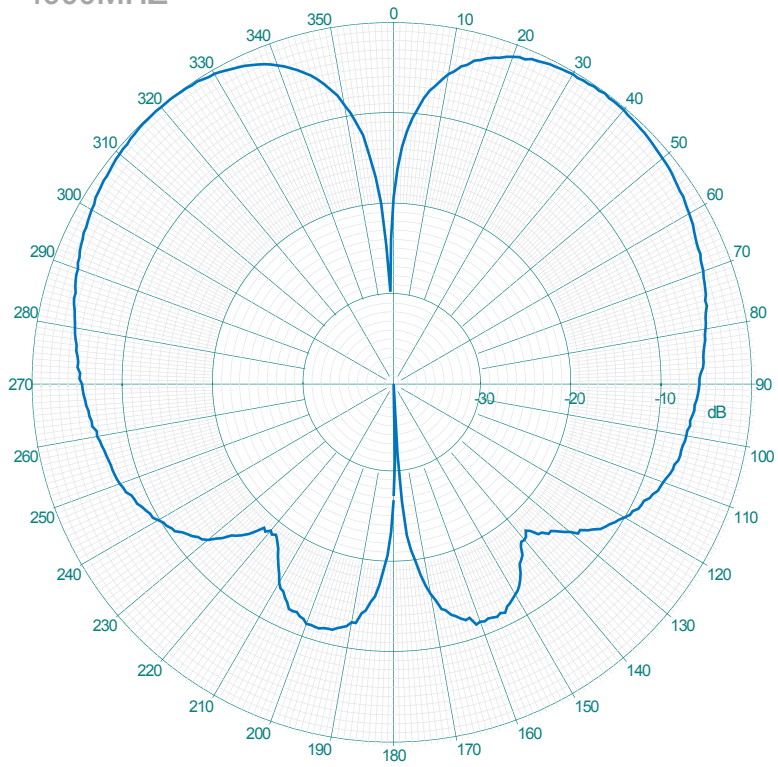
■ ELEVATION PLANE - 2500MHZ



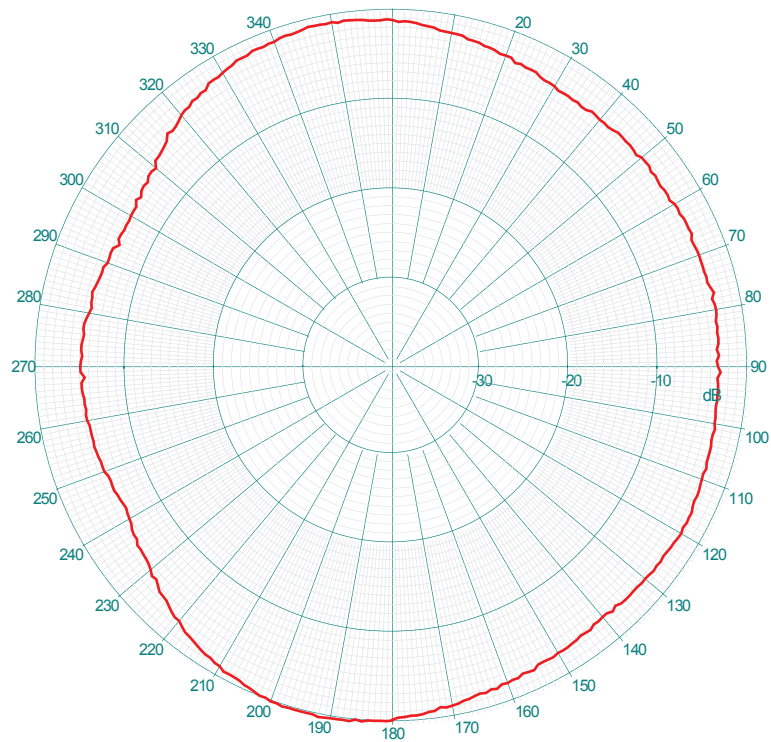
■ AZIMUTH PLANE - 2500MHZ



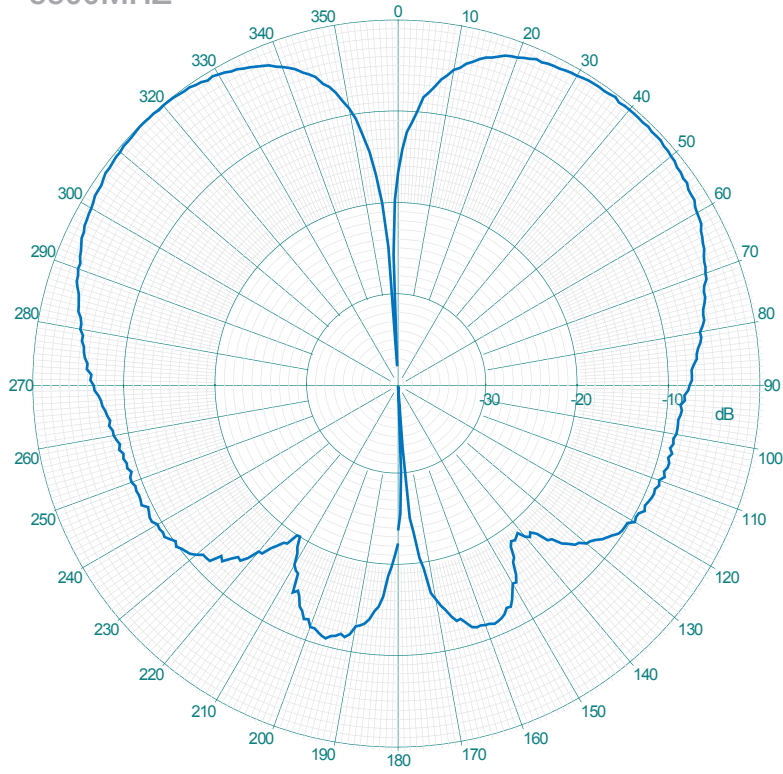
■ ELEVATION PLANE - 4900MHZ



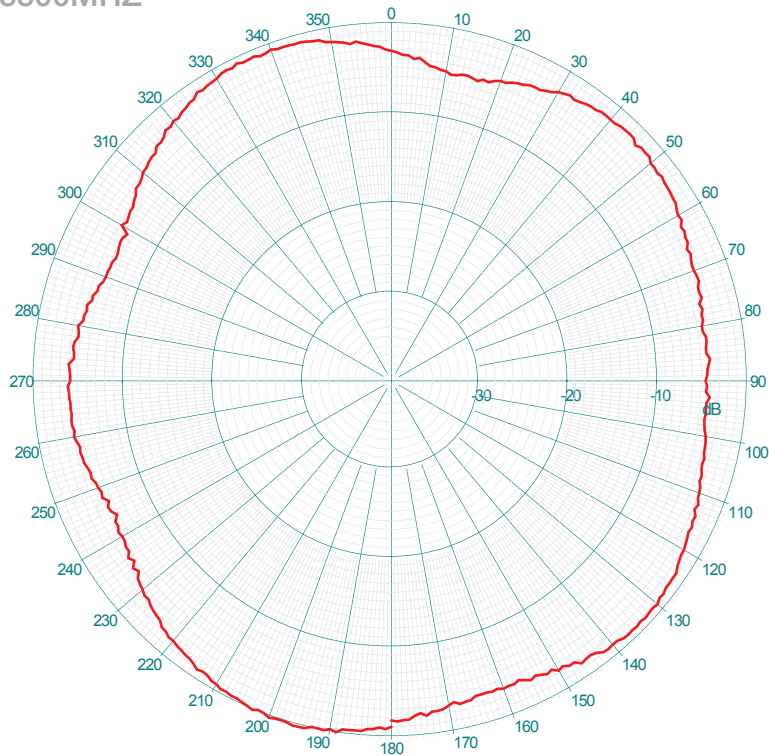
■ AZIMUTH PLANE - 4900MHZ



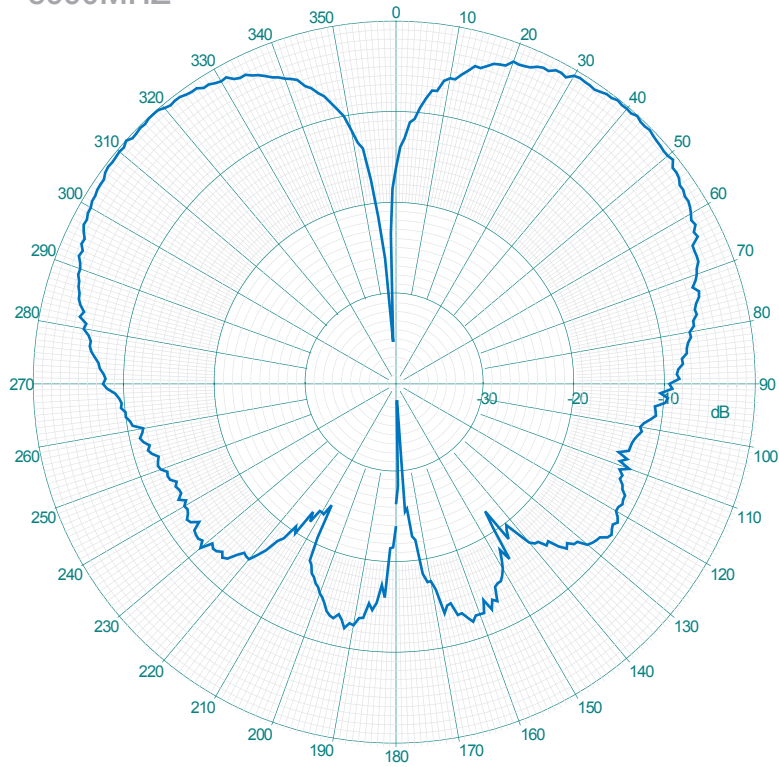
■ ELEVATION PLANE - 5500MHZ



■ AZIMUTH PLANE - 5500MHZ



■ ELEVATION PLANE - 5990MHZ



■ AZIMUTH PLANE - 5990MHZ

