



ARUBA AP-ANT-2418 OUTDOOR DIRECTIONAL PANEL ANTENNA

The Aruba AP-ANT-2418 is a 2.4-2.5GHz high-gain, directional outdoor panel antenna; ideally suited to long-distance point-point applications such as secure enterprise mesh bridging, WDS, or wireless backhaul over the 802.11b/g bands. The 2418s 20 degree vertical and 21 degree horizontal beam-width ensure maximum gain and improved application performance over longer distances. The AP-ANT-2418 is outdoor rated and is supplied with two N-Type interface cables, allowing the installer to choose direct install to the AP-85 outdoor wireless access point (requires optional AP-85 antenna mount bracket AP-85-MNT-1) or pole / mast mount using supplied hardware.

FREQUENCY / GAIN

- 2.300GHZ - 2.400GHZ (17.0dBi)
- 2.400Ghz - 2.700Ghz (18.0dBi)

POLARIZATION

- Linear Horizontal or Vertical

BEAMWIDTH

- Elevation (3dB) - 20 degree
- Azimuth (3dB) - 21 degree

IMPEDANCE

- 50 ohms

MAXIMUM INPUT POWER

- 30 watts

VSWR (MINIMUM PERFORMANCE)

- 1.5:1

DIMENSIONS (INCHES/CENTIMETERS)

- 12" (30.5cm) x 12" (30.5cm) x 0.6" (1.5cm)

HOUSING

- UV Protected Polycarbonate

FLY CABLE LENGTH / CONNECTOR

- Device Is Supplied With A Single, Rear-Mount Onboard N-Type Female Connector And Two Fly Cables:
 - 12" Right-angle N-Type Male to Straight N-Type Male
 - 36" Straight N-Type Male to Straight N-Type Male

OPERATING TEMPERATURE

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

WIND LOADING

- 200 km/h / 124.27 mph (survivability)

INSTALLATION HARDWARE

- Stainless Steel Pole/Mast Mount Hardware Provided

