

The TriBand APXtender Indoor Rubber Duck Omnidirectional Antenna provided by AWS is used to extend the range of indoor access points or client bridges in 2.4GHz, 5.3GHz and 5.8GHz wireless LAN environments. The antenna is a "TriBand" rather than "Wide Band" antenna design in that it will reject out of band signals between the bands of interest. This feature helps to minimize interference and system noise. The antenna features a 360 Degree Horizontal Transmission Pattern and a 90 Degree Vertical Transmission Pattern. The transmit/receive element can be tilted in relation to the base to direct signal where it is needed (0, 45, 90 degrees). The antennas are available in various connectors to fit most wireless radio equipment.



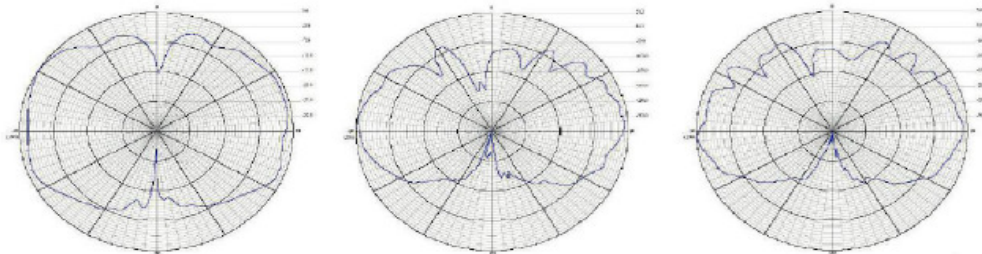
**APPLICATIONS**

802.11a Wireless Equipment  
802.11b Wireless Equipment  
802.11g Wireless Equipment  
OEM Equipment

**SPECIFICATIONS**

Weight 0.5 oz (25 g)  
Dimensions (L x Diameter) 6.1 x 0.5 in ( 155 x 12.7 mm )  
Input Return Loss -14 dB  
Antenna Frequency Range 2400-5825 GHz  
Gain 2400 GHz 3 - 5.5 dBi  
5150 GHz 4 - 5 dBi  
5725 GHz 5 dBi  
Beamwidth HPOL 360 degrees ; VPOL 50 degrees  
Polarization Horizontal or Vertical  
VSWR 1.5 : 1  
Maximum Input Power 10 W  
Impedance 50 Ohms

**INTEGRATED ANTENNA PATTERNS**



E-Plane Antenna Plots @ 2450, 5150 and 5725 MHz