

AP3437G18M2-NF

3.65 GHz 18 dBi Dual Polarized MIMO
Panel Antenna



The Altelix AP3437G18M2-NF Dual Polarized 2x2 MIMO WiFi panel antenna offers high gain and quality construction. It is designed to provide 3400-3700 MHz frequency coverage.

This antenna incorporates 2 independent antennas, one horizontally polarized and one vertically polarized, and a pair of N-female antenna ports, making it a perfect choice for 2x2 3.65 GHz MIMO radios including Ubiquiti Networks Rocket M365®.

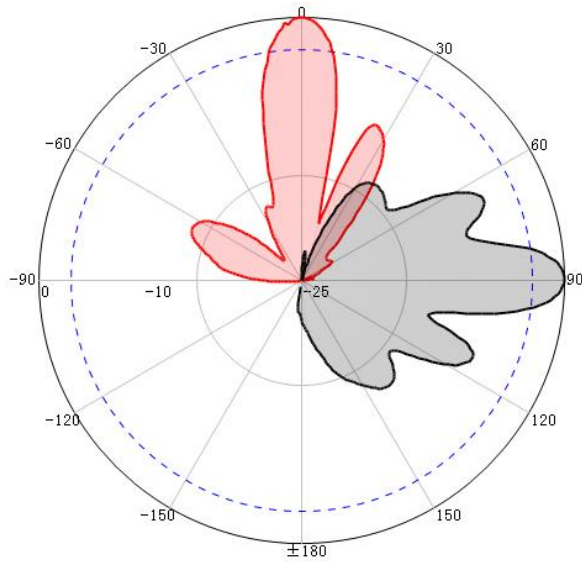
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<u>Features</u>	<u>Applications</u>
<ul style="list-style-type: none"> • High gain • Dual polarized • Separate inputs for vertical and horizontal polarizations • Included tilt-and-swivel mast mount 	<ul style="list-style-type: none"> • 3.65 GHz band applications • WLAN Systems & 802.16e applications • WiMAX & Mobile WiMAX • 2x2 MIMO applications • Point to Point applications • Ubiquiti Networks RocketM365®

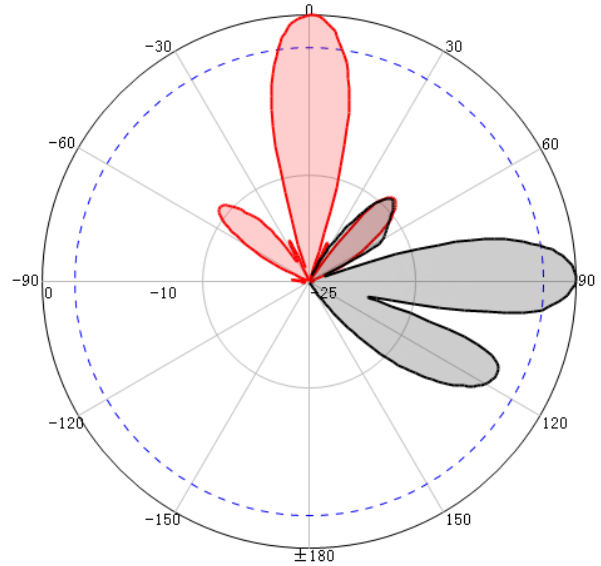
Specifications

Frequency Range	3400-3700 MHz
Bandwidth	300 MHz
Gain	18 dBi
Polarization	Vertical + Horizontal
Vertical Beamwidth	15 Degrees
Horizontal Beamwidth	15 Degrees
F/B Ratio	≥32dB
Isolation	≥28dB
VSWR	<1.8:1
Impedance	50 Ohm
Maximum Power	100 Watts
Standard Connectors	(2) Integral N Female
Dimensions	12x12x1.0 Inches (305x305x25 mm)
Mast Diameter	1.2 - 3 Inches (30 - 60 mm)
Weight	2.56 Lbs. (1.2 Kg)
Temperature Range	-40 - 185F (-40 - 85C)
Lightning Protection	DC Short

RF Antenna Patterns



H-Pol



V-Pol