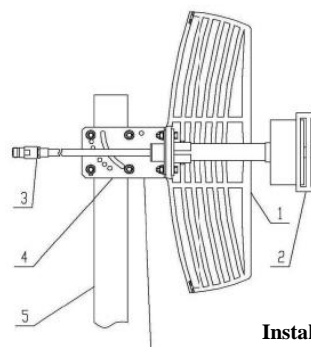


### SPECIFICATIONS

Model	RFAnt-24GP-19
Freq. Range-MHz	2400 ~ 2483
Bandwidth-MHz	83
Gain-dBi	19
Ver. Beamwidth-°	16
Hor. Beamwidth-°	12
F/B Ratio-dB	≥25
V.S.W.R. (Max)	≤1.5
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max. Power-W	100
Connector Type	N Female or Customized
Dimension-m	0.42 x 0.63
Weight-kg	2.4
Pole Diameter-mm	Φ40 ~ Φ50



1. Reflector (Assemble two piece symmetrically)
2. Feed Horn
3. Connector
4. "L" type bracket mounting hardware (Use one piece when tuning angle)
5. Mast supplied by customer (less than Φ50mm)

### Installation Guide

1. Assemble two piece of reflector symmetrically.
2. Mount the feed horn on the reflector according to the sketch map. Make sure the feed dipoles are parallel with most bars of the grid reflector. When the feed dipole and most grid bars are vertical to the ground, the antenna is vertically polarized. When the feed dipole and most grid bars are horizontal to the ground, the antenna is horizontally polarized.
3. Mount the "L" type bracket at the back of the reflector, then mount the antenna on the mast supplied by customer according to the sketch map.
4. Test the antenna with equipment to make sure the antenna receive the best signal by tuning the azimuth and pitching angle, then lock at the screws and seal the connector between the antenna and cable.

### APPLICATIONS

2.4GHz WLAN System

2.4GHz UNII/ISM Applications

Long-Range Directional Applications

Point to Point / Point to Multi-point System

Wireless Bridges

Backhaul / Client Antenna

### FEATURES

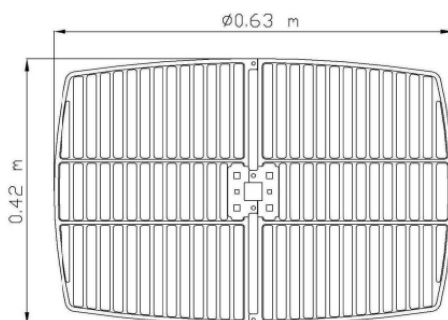
Superior Performance

Die Cast Aluminum Grid

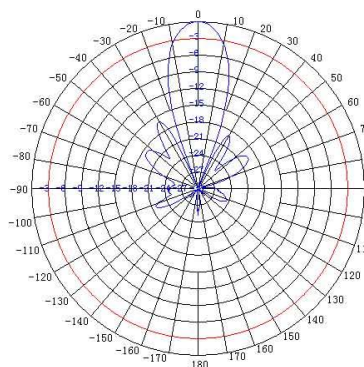
UV Stable Light Gray Powder Coat Finish

Vertical Or Horizontal Polarization

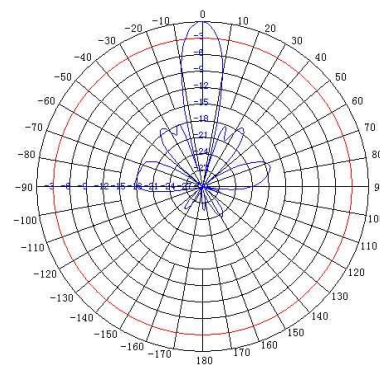
Supplied With Down-Tilt Bracket



E-Plane Field Pattern



H-Plane Field Pattern



Specification are subject to changes without prior notice due to engineering improvement. All brands and product names are trademarks or registered trademarks of their respective holders. \*Wireless range and performance may vary with environment.