



### Vagi Series WiMAX Directional Antenna

2500 to 2700 MHz Operation

#### Features

- Compact, Low Profile 16 dBi Antenna Gain
- Lower cost compared to other 16dBi Gain Antennas
- Very Low Wind Loading. Aesthetic design
- QuikClamp Bracket for 1.0" to 1.5" Pole Diameter
- 45 Deg tilt and 360 Deg rotation adjustments
- Vertical or Horizontal Polarization
- 30" Pigtail with Type N Female or N Male Connector
- Rugged, Lightweight and Waterproof



\*16dBi Directional Vagi Antenna – Horizontal

#### Applications

- WiMAX Applications
- MMDS Applications
- Point to Multi-point Systems
- Wireless Broadband Systems
- Wireless Internet Access
- Building to building high speed links

#### Description

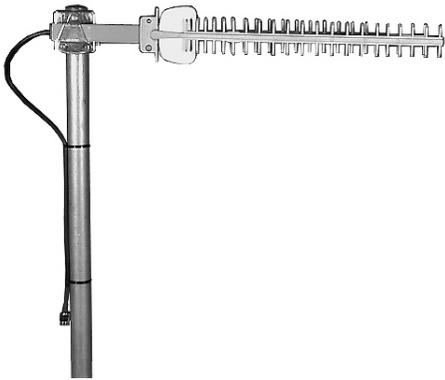
The Vagi Series antenna system offered by Pacific Wireless is constructed of Die Cast Aluminum Alloy with anti-corrosion alodine finish. They come standard with a 30" LMR240 Pigtail with choice of an N Female or N Male connector and an adjustable 45 Deg Tilt galvanized steel QuikClamp bracket which accommodates a 1" to 1.5" pole diameter. The Vagi Series antenna can be used in a wide variety of wireless systems where low cost, good performance and low wind loading are important factors. Because of their low visual impact, they have been approved for use by many homeowner associations with strict CC&R restrictions. Contact Pacific Wireless for other connector/frequency options.

#### Specifications

Parameter	Model	Min	Typ	Max	Units
<i>Frequency Range</i>	VA25-16	2500		2700	MHz
<i>Input Return Loss (S<sub>11</sub>)</i>			-14		dB
<i>VSWR</i>			1.5:1		
<i>Impedance</i>			50		OHM
<i>Input Power</i>			50		W
<i>Pole Diameter (OD)</i>		1 25		1.5 38	inch mm
<i>Operating Temperature</i>		-45		+70	Deg C

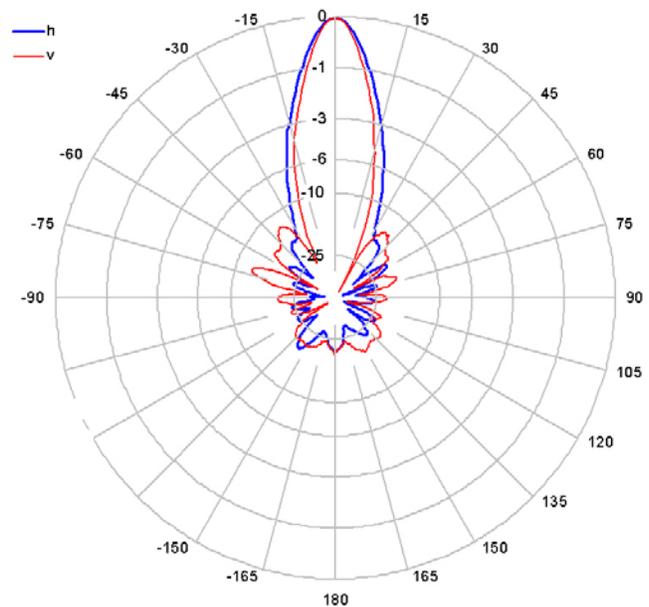
\*Note: Pacific Wireless does not supply the mounting pole

2500–2700 MHZ	VA25-16
<b>Gain</b>	16dB
<b>3db Beam Angle (E-Plane) Vertical Polarity</b>	25 deg
<b>3dB Beam Angle (H-Plane) Horizontal Polarity</b>	30 deg
<b>Front to Back</b>	> 19dB
<b>Rated Wind Velocity</b>	125mph (56m/sec)
<b>Weight</b>	1.5 Lbs (0.56 Kg)
<b>Dimension L x W x H</b>	22" x 3" x 4" (559 x 76 x 102mm)



16dBi VAGI Shown in Vertical Polarization

### Antenna Patterns at 2.5GHz



### Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty

### System Ordering:

VA25-16M 16dBi Vagi Series 2.5GHz Antenna with N Male Connector

VA25-16F 16dBi Vagi Series 2.5GHz Antenna with N Female Connector

### For further information contact:



### Pacific Wireless

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