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Vagi Series® Antenna 2400 to 2485 MHz Operation

The Vagi Series® antenna system offered by Laird Technologies is constructed of die cast aluminum alloy with anti-corrosion alodine finish. They come standard with a 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. Various frequency options are available between 1700 and 2700 MHz (contact Laird Technologies for different frequency or connector options).

Features and Benefits:

- Compact, low profile 16 dBi antenna gain
- Low 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
- 24" pigtail with type N female or N male connector
- Rugged, lightweight and waterproof
- Frequency options available between 1700 and 2700 Mhz

Applications

- 2.4 GHz ISM band applications
- Wireless broadband systems
- WISP CPE equipment
- Wireless internet access
- Point to multi-point systems
- Building to building high speed links

For sales information:

Telephone 800-323-3757

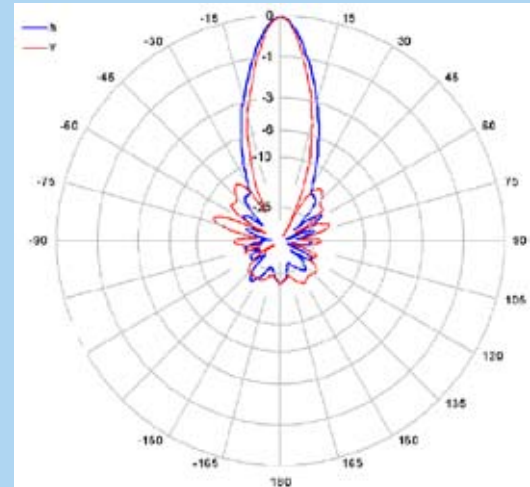
E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

Specifications

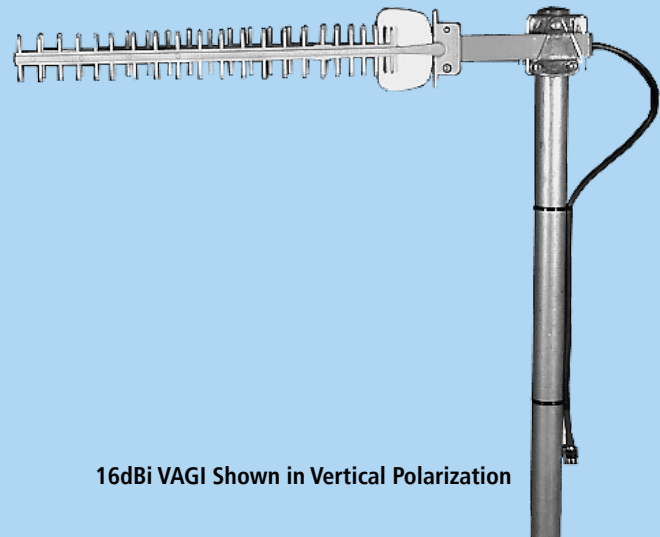
Parameter	Model	Min	Typ	Max	Units
Frequency Range	VA24-16	2400		2485	MHz
Input Return Loss (S11)			-14		dB
VSWR			1.5:1		
Impedance			50		OHM
Input Power			50		W
Pole Diameter (OD)		1 (25)		1.5 (38)	In (mm)
Operating Temperature		-45		+70	Deg C
*Note: Laird Technologies does not supply the mounting pole					
2400 - 2485MHz		VA24-16			
Gain	16dB				
3db Beam Angle (E-Plane) Vertical Polarity	25 deg				
3dB Beam Angle (H-Plane) Horizontal Polarity	30 deg				
Front to Back	> 19dB				
Rated Wind Velocity	125mph (56m/sec)				
Weight	1.5 Lbs (0.56 Kg)				
Dimension L x W x H	22" x 3" x 4" (559 x 76 x 102mm)				

Antenna Pattern



System Ordering:

- VA24-16M 16dBi Vagi Series 2.4GHz Antenna with N Male Connector
- VA24-16F 16dBi Vagi Series 2.4GHz Antenna with N Female Connector



16dBi VAGI Shown in Vertical Polarization

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

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Specifications subject to change without notice.



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