

Vagi Series Antenna 2400 to 2485 MHz Operation

Features:

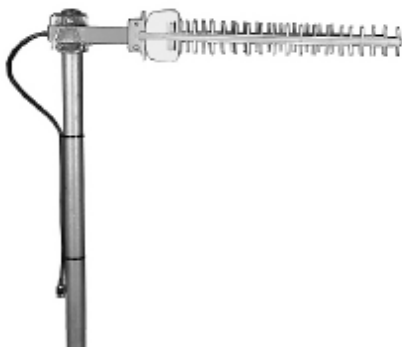
- **Compact, Low Profile 16 dBi Antenna Gain**
- **Low Cost compared to other 16dBi Gain Antennas**
- **Very Low Wind Loading. Aesthetic design**
- **QuikClamp Bracket for 1.0" to 1.5" Pole Diameter**
- **45 Deg tilt and 360 Deg rotation adjustments**
- **Vertical or Horizontal Polarization**
- **24" Pigtail with Type N Female or N Male Connector**
- **Rugged, Lightweight and Waterproof**
- **Frequency Options Available between 1700 and 2700 Mhz**



*16dBi Directional Vagi Antenna – Horizontal

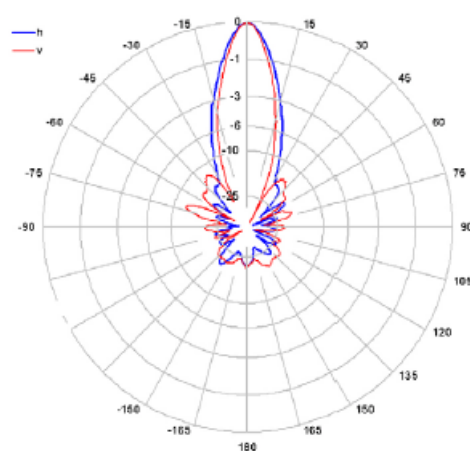
Description:

The Vagi Series antenna system offered by ibridge Networks Inc. is constructed of Die Cast Aluminum Alloy with anticorrosion 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.



16dBi VAGI Shown in Vertical Polarization

Antenna Patterns at 2.45GHz



Specifications:

Parameter	Model	Min	Typ	Max	Units
Frequency Range	IbVA24-16	2400		2483	MHz
Input Return Loss (S₁₁)			-14		dB
VSWR			1.5:1		
Impedance			50		OHM
Input Power			50		W
Pole Diameter (OD)		1 5		1.5 38	inch mm
Operating Temperature			-45	+70	Deg C

2400 - 2483 MHz	ibVA24-16
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 (LxWxH)	22" x 3" x 4" (559 x 76 x 102 mm)

**Marketed & Distributed In INDIA:
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