

***ibridge Panel Antenna
2400 to 2485 MHz Operation***

Features:

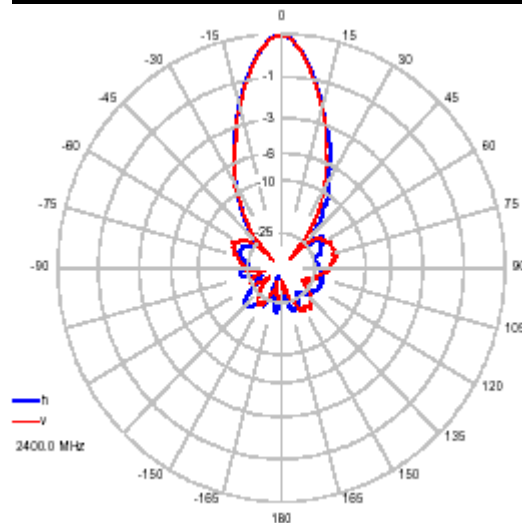
- RooTenna, the antenna with a pouch!
- Compact, Low Profile 14 dBi Antenna Gain
- Regular Version (9"x9"x2") and
- Low profile Version (9" x 9" x 1")
- Weatherproof Radio Compartment
- Vertical or Horizontal Polarization, Beamwidth 35 deg
- Available with RPSMA, RPTNC, MC Card, MMCX, RPMMCX and U.FL antenna connector



Description:

The ib 24-14 panel antenna offered by ibridge Network Inc. is developed to allow integration of the customers' radio equipment inside the weatherproof compartment. The radio compartment is big enough to house transceivers, amplifiers, and other electronic equipment. Two sizes are available, our regular and a new Lower Profile. The antenna design utilizes a suspended wire element over a solid 8.5" square backplane for more consistent performance over temperature and humidity conditions. The housing is UV stabilized ABS plastic. The backplate is alodine coated aluminum with stainless steel fasteners. All bracket fasteners are stainless steel for corrosion protection.

Antenna Patterns at 2.45GHz



Specifications:

Parameter	Min	Typ	Max	Units
Frequency Range	2400		2485	MHz
Input Return Loss (S11)		-14		dB
VSWR		1.5:1		
Impedance		50		OHM
Input Power			20	W
Operating Temperature	-45		+70	Deg C
Gain		14		dBi
3db Beam Angle (E- Plane)		35		Deg
3db Beam Angle (H- Plane)		36		Deg
Front to Back	18			dB
Weight		29(.8)		Oz(kg)
Compartment Dim (LxWxH)	10.75"x10.75"x4" 267x267x102			Inches (mm)
Outside Dim (LxWxH)	18.5"x16.8"x4" 470x427x102			Inches (mm)

Wind Loading	100MPH	125MPH	100MPH with 1/2" Radial Ice
Force (Lbs)	27.8	43.4	30



Marketed & Distributed in India By:

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