

PAT 24014 - 14dBi Directional Panel Antenna

Key Features:

- 14 dBi Directional Gain
- Superior Performance
- Minimized Sidelobes Level
- Resistance to Interference From Other Networks
- Great Impedance Matching
- Horizontal or Vertical Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation Adjustment
- 2 Years Warranty
- Durability in Severe Weather Conditions



Applications:

- 2.4 GHz ISM Band Wireless LAN
- WiFi Access Points
- Wireless HotZones
- Client or Small Base Station

Description

Panel antenna working in 2.4 GHz frequency with 14 dBi gain. Can be mounted for horizontal or vertical polarization. Antenna is built with very high quality materials, like a construction grade aluminium alloy, UV-inhibited ABS, stainless steel and zinc galvanized U-bolt. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disrupt to other. Designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. Heavy-duty mounting elements guarantees an easy elevation adjust as well as rock-stable operation. It can be used in client stations and as small base stations.

Electrical Properties

Frequency	2400 – 2500 MHz
Gain	14 dBi
Polarization	Horizontal/Vertical
Beamwidth deg horizontal	38°
Beamwidth deg vertical	39°
VSWR	< 1,5
Impedance	50 Ohm
Sidelobe suppression	> 18 dB
Front to back ratio	> 20 dB
Crosspolar rejection	> 18 dB
Lighting protection	DC ground

Mechanical Properties

Technology	Microstrip
Input Connector	N-type / female
Dimensions	165x165x37 mm / 6.5x6.5x1.5"
Weight	0.6 kg / 1.3 lbs
Radome material	UV – inhibited ABS
Color	White
Base material	High quality aluminium alloy
Construction	All – weather operation

VSWR



Antenna Patterns

