



2.4 GHz 18 dBi Wireless LAN Heavy Duty Panel Antenna

Model: HG2418P

Applications and Features

- Applications:**
- 2.4 GHz ISM Band
 - IEEE 802.11b and 802.11g Wireless LAN
 - Bluetooth®
 - Public Wireless Hotspot
 - WiFi

- Features:**
- Superior performance
 - Heavy-duty radome
 - All-weather operation
 - DC Ground lightning protection
 - Can be mounted for horizontal or vertical polarization
 - Includes tilt and swivel mast mount



Description

Superior Performance

The HG2418P is a heavy duty high performance directional flat panel WiFi antenna suitable for indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b and 802.11g, Bluetooth®, and public wireless hotspots.

Rugged and Weatherproof

This WiFi antenna features a heavy-duty UV-stable white fiberglass radome for all-weather operation. The HG2418P antenna is supplied with a tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. It can be installed for vertical or horizontal polarization.




Specifications
Electrical Specifications

Frequency	2400-2500 MHz
Gain	18 dBi
Horizontal Beam Width	22°
Vertical Beam Width	17°
Polarization	Vertical or Horizontal
Front to Back Ratio	>25 dB
Cross Polarization Rejection	>25 dB
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Ground
Connector	Integral N-Female

Mechanical Specifications

Weight	3.2 lbs. (1.4 Kg)
Dimensions	14.4 x 9.6 x 1.7 inches (366 x 244 x 43 mm)
Radome Material	UV-Inhibited Composite
Operating Temperature	-40° C to to 85° C (-40° F to 185° F)
Mounting	2 inch (50.8 mm) O.D. pipe max.
Polarization	Vertical or Horizontal

RF Antenna Patterns
