

HyperLink Wireless 2.4 GHz 14 dBi Flat Patch Wireless LAN Antenna Model: HG2414P

Applications and Features

- Applications:**
- 2.4 GHz ISM Band
 - IEEE 802.11b, 802.11g, 802.11n Wireless LAN
 - Bluetooth®
 - Public Wireless Hotspot
 - WiFi
 - Wireless Video Systems
- Features:**
- Superior performance
 - Light weight
 - Durable UV-stable, UL flame rated radome
 - Low loss solid brass elements
 - DC Short lightning protection
 - 12 inch coax lead
 - Can be installed for either vertical or horizontal polarization
 - Optional mounting brackets available



Description

Directional Flat Patch Antenna

The HG2414P is a high performance directional flat patch WiFi antenna suitable for indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth®, and public wireless hotspots. This WiFi antenna is lightweight and features an aesthetic UV-stable, UL flame rated white plastic radome which can also be painted to match the room or building structure. The HG2414P can be installed for horizontal or vertical polarization. It can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

Specifications

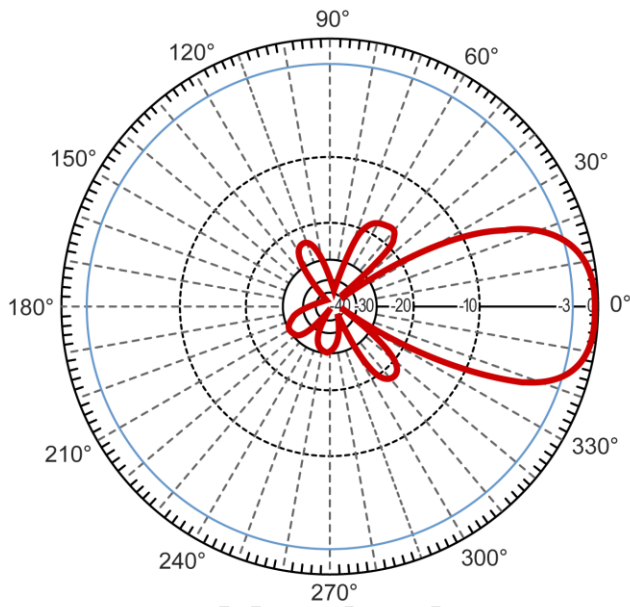
Electrical Specifications

Frequency	2400-2500 MHz
Gain	14 dBi
Horizontal Beam Width	30 degrees
Vertical Beam Width	30 degrees
Impedance	50 Ohm
Max. Input Power	25 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

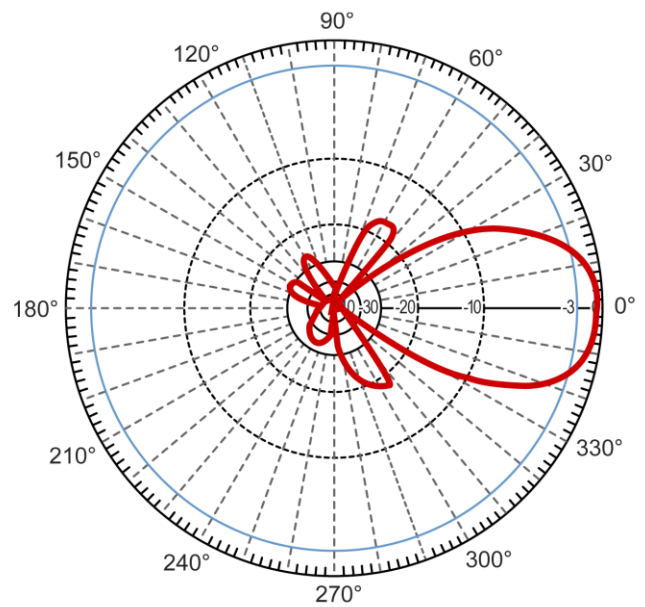
Mechanical Specifications

Weight	.95 lbs. (.43 Kg)
Dimensions	8.5 x 8.5 x 1 (inches) 216 x 216 x 26 (mm)
Radome Material	UV-inhibited Polymer
Flame Rating	UL 94HB
Mounting	Four ¼ in. (6.3 mm) Holes
Polarization	Horizontal or Vertical
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Wind Survival	>150 MPH (241 KPH)

RF Antenna Gain Patterns



Vertical



Horizontal