

## 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

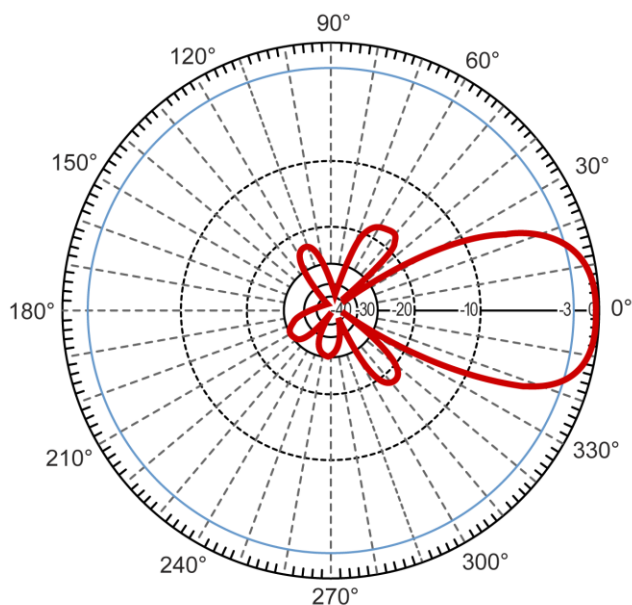
#### Electrical Specifications

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

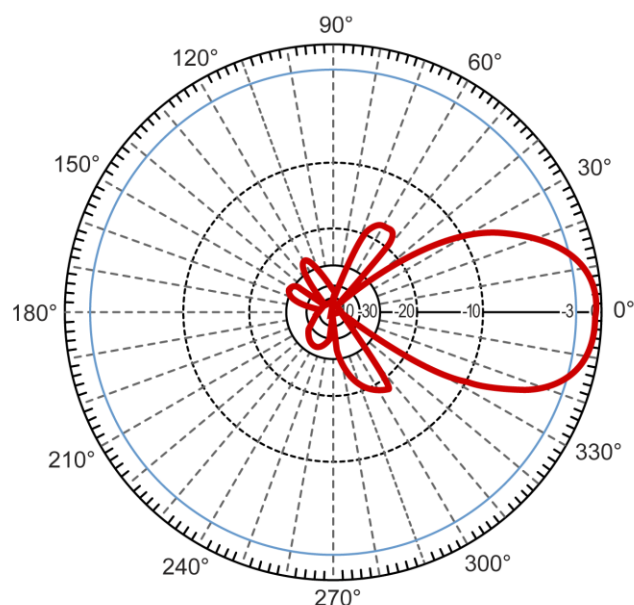
## Mechanical Specifications

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

## RF Antenna Gain Patterns



**Vertical**



**Horizontal**