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

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

Designed & Manufactured in the USA by HyperLink Technologies

Description

Directional Flat Patch Antenna

The HG2414P-NF 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-NF 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

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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 to 85° C (-40° F to 185° F)
Wind Survival	>150 MPH (241 KPH)

RF Antenna Gain Patterns
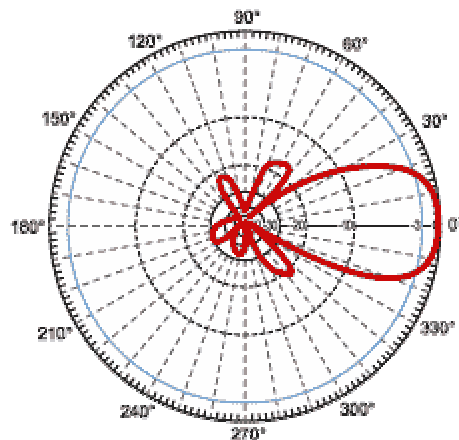
Vertical
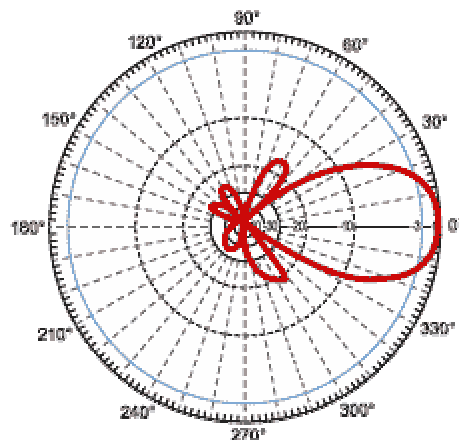
Horizontal

Guaranteed Quality

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This product is designed and manufactured by HyperLink Technologies in the U.S.A. and is backed by Hyperlink's Limited Warranty.