

**HyperLink Wireless 2.6 GHz MMDS 14 dBi
Wireless LAN Flat Patch Antenna
Model: HG2614P**

Applications and Features

- Applications:**
- IEEE 802.16 and 802.20
 - WiMAX Technology
 - Non-Direct Line of Sight (NLOS)
 - Wireless Internet Service Providers (WISP)
 - Compatible with Navini™ Ripwave® (MCX-Plug pigtail required)
- Features:**
- 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



Description

Directional Flat Patch Antenna

The HG2614P is a high performance directional flat patch antenna suitable for indoor and outdoor applications in the 2.6GHz MMDS band. It is compatible with IEEE 802.16, 802.20 and WiMAX applications as well as NLOS applications. The HG2614P is ideal for Wireless Internet Service Providers (WISP) offering service in the less crowded 2.6GHz band and is compatible with Navini™ Ripwave® (MCX-Plug pigtail is required) . This WLAN 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 HG2614P can be installed for horizontal or vertical polarization. It can be wall or ceiling mounted, as well as mast-mounted using U-bolts.

Specifications

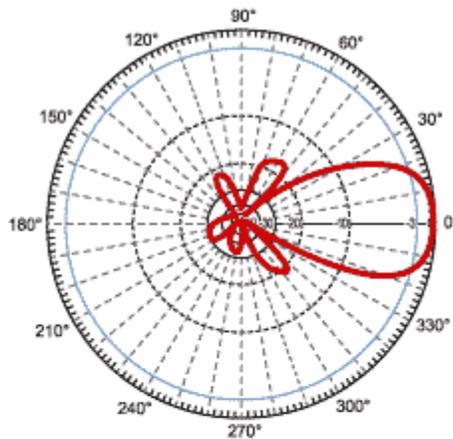
Electrical Specifications

Frequency	2500-2700 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

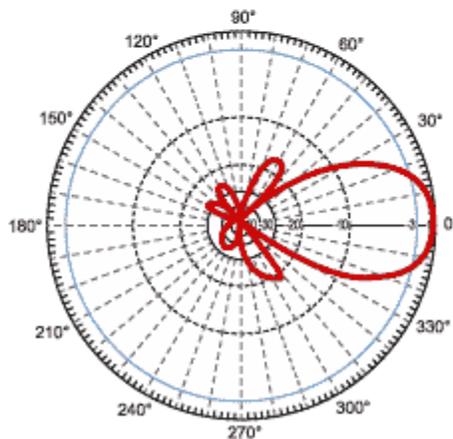
Mechanical Specifications

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

Guaranteed Quality

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