

## HyperLink 2.4 GHz 8.5 dBi Omnidirectional Wireless LAN Antenna with Magnetic Base - Model: HG2409MGU

### Applications and Features

- Applications:**
- 2.4 GHz ISM Band
  - 2.36 GHz CDMA Band
  - IEEE 802.11b and 802.11g Wireless LAN
  - Bluetooth®
  - Public Wireless Hotspot
  - WiFi
  - Wireless Video Systems
  - Multipoint and Mobile Applications
- Features:**
- Superior performance
  - Compact, lightweight design
  - Durable UV-stable fiberglass radome
  - Vented end cap and drain holes in base
  - All weather operation
  - Magnetic base with 10 ft. high performance low-loss 195-series cable
  - N-Male, N-Female or RP-SMA Plug connectors
  - Can be installed in up or down positions
  - RoHS Compliant
  - Optional antenna mounts available



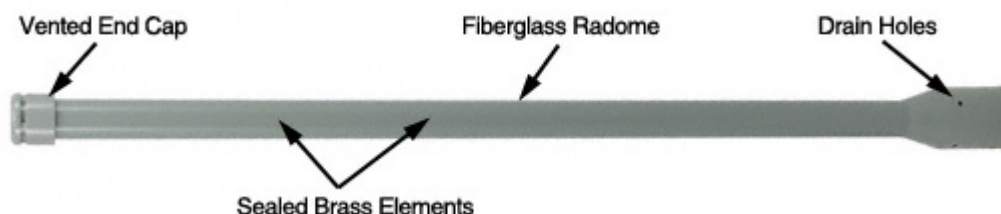
### Description

#### High Performance

The HyperGain® HG2409MGU is a high performance omnidirectional WiFi antenna designed for the 2.4 GHz ISM band and 2.36 GHz CDMA band. This compact and lightweight antenna is ideally suited for IEEE 802.11b and 802.11g wireless LANs, public wireless hotspots, Bluetooth® and other multipoint and mobile applications where high gain and wide coverage is desired. This antenna includes a magnetic base suitable for tabletop or mobile use, and 10 feet of high performance low-loss 195-Series cable terminated with an N-Female, N-Male or Reverse-Polarity SMA Plug connector.

#### All Weather Operation

Constructed for all weather operation, the HG2409MGU features sealed collinear brass elements inside a durable UV-stable machine gray fiberglass radome. A vented end cap and drain holes in the base help prevent moisture build-up inside the antenna. These features allow the HG2409MGU to be mounted in up or down positions.



## Specifications

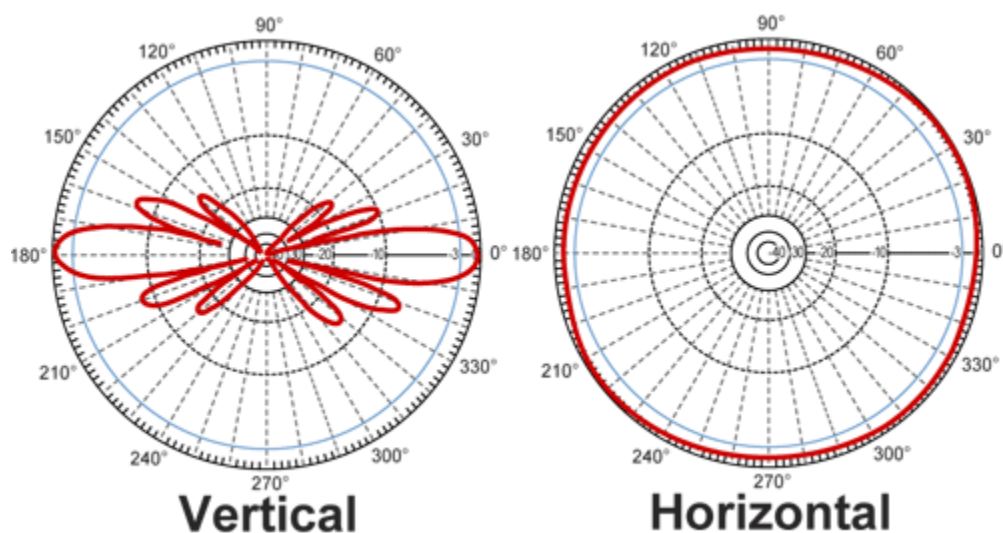
### Electrical Specifications

<b>Frequency</b>	2360-2500 MHz
<b>Gain</b>	8.5 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2.0:1 avg.
<b>Maximum Input Power</b>	100 W

### Mechanical Specifications

<b>Polarization</b>	Vertical
<b>Vertical Beam Width</b>	15°
<b>Horizontal Beam Width</b>	360°
<b>Weight</b>	1.5 lbs. (.68 kg)
<b>Length</b>	21 in. (533 mm)
<b>Base Diameter</b>	2.6 in. (66.8 mm)
<b>Radome Material</b>	Gray Fiberglass
<b>Wind Survival</b>	>150 MPH
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>RoHS Compliant</b>	Yes
<b>Mounting</b>	Magnetic Base
<b>Antenna Connector</b>	Integral N-Male

### Antenna Gain Pattern



### Guaranteed Quality

This product is backed by L-Com's Limited Warranty