

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



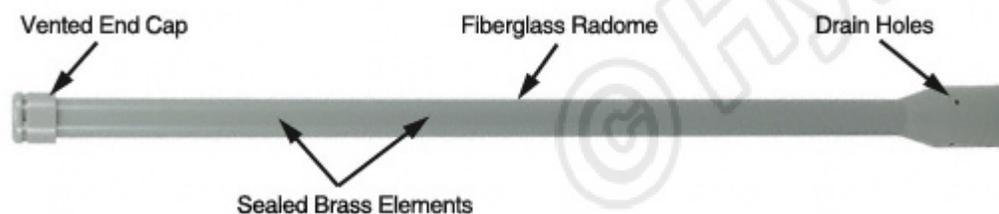
Description

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

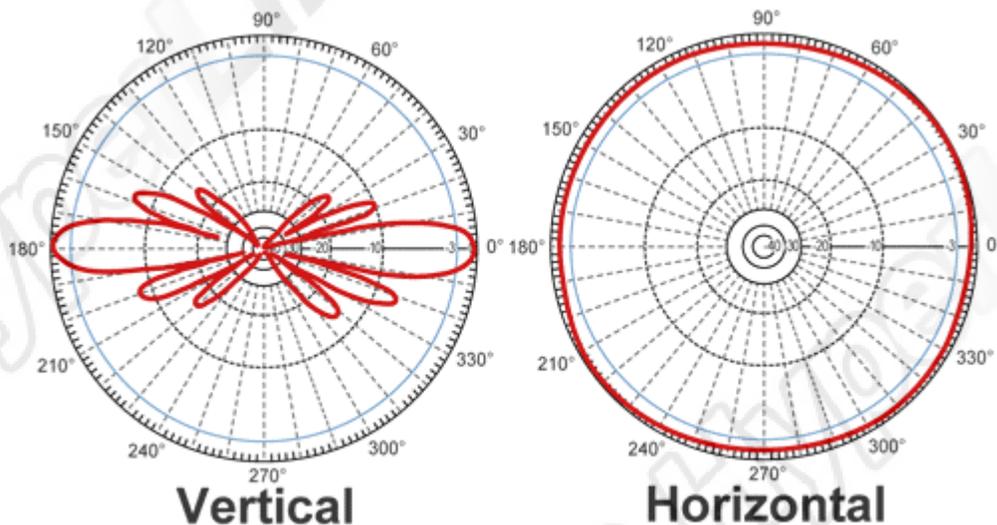
Electrical Specifications

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

Mechanical Specifications

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

Antenna Gain Pattern



Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty