

HyperLink 2.4 GHz 8 dBi Omni- Directional Wireless LAN Antenna

Model: HG2408U-PRO

Applications and Features

- Applications:**
- 2.4 GHz ISM Band
 - ISP Base Stations
 - IEEE 802.11b/g Wireless LAN
 - Public Wireless Hotspot
 - Multipoint and Mesh Applications
- Features:**
- Center fed Collinear Dipole Array
 - Commercial Grade Brass Radiating Elements
 - Integral N-Female connector
 - Durable UV-stable fiberglass radome
 - Includes heavy duty pole mounting brackets



Features

Professional Grade

The HyperGain® HG2408U-PRO is a Profession Grade Omni-Directional antenna that can be used for Commercial installations. The antenna features high gain and superior VSWR. The unit is optimized for the 2.4GHz ISM band.

Superior Performance

A collinear Omni-Directional antenna that utilizes a center fed Collinear Dipole array that offers superior performance over the traditional bottom fed collinear designs. A center fed collinear has radiating elements that are more uniformly fed with signals of the proper amplitude and phase.

In a bottom fed design, the signals that reach the upper elements have undergone significant amplitude and phase degradation. In most cases, the upper elements of an end fed design contribute little to the antenna's final composite gain and pattern. In the HyperGain® HG2408U-PRO, an internal copper hard-line provides a low loss path to the antenna's central splitting and phasing component. The brass radiating elements of the HG2408U-PRO utilize an air dielectric for lowest loss and superior radiating efficiency. The design is factory tuned for superior performance.



Rugged and Weatherproof

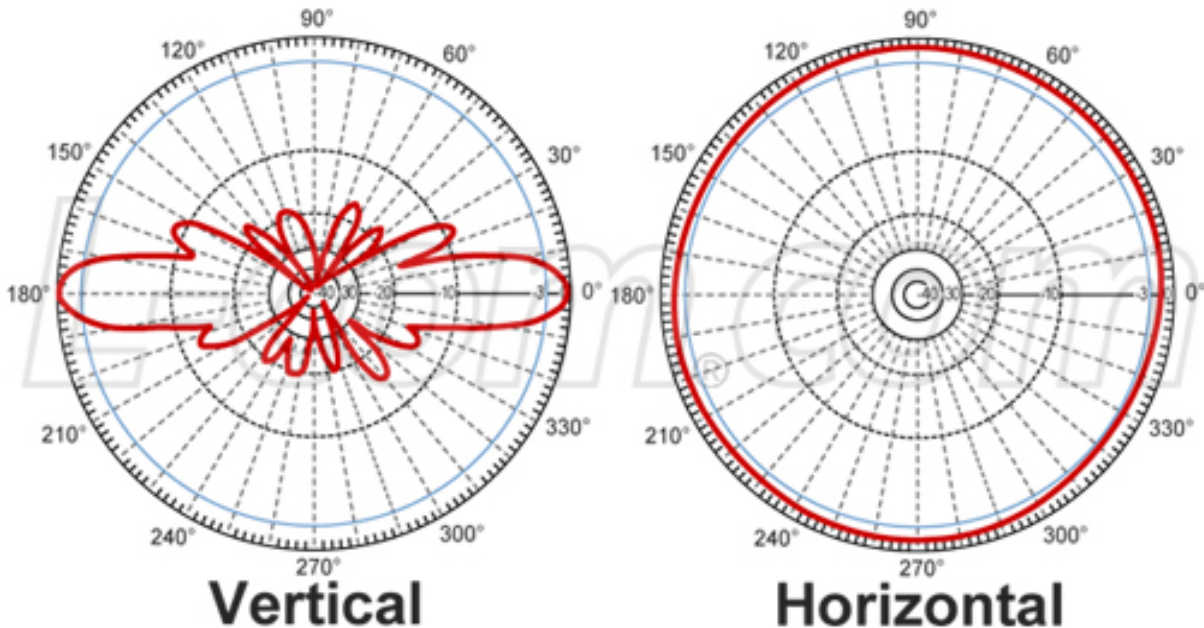
This antenna's construction features a durable fiberglass radome for durability and aesthetics. Its mounting system features twin heavy-duty mounting brackets and U-Bolts for superior strength. The thick brass elements provide long life in hostile environments.

Specifications

Antenna Gain Pattern

Frequency Range	2400-2500MHz
VSWR	≤1.5
Gain	8dBi
Rated power	150W
Polarization Type	Vertical Polarization
Electrical Down tilt	0°
Beam width	12°
Rated Wind Diameter	135/MPH
Input Impedance	50Ω
Lightning Protection	Direct Ground
Connector Type	N-Female
Length	2.6 ft (.79 m)
Weight (w/ mounting bracket)	2.5 lbs. (1.13 kg)
Antenna Diameter	1.7 in. (4.318 cm)
Element Housing Material	Fiberglass
Pole Mounting hardware	1.25in.-2in. (32-50 mm)

Antenna Gain Patterns



Guaranteed Quality

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