



2.4 GHz High Performance 12 dBi Omnidirectional Wireless LAN Antenna - Model: HG2412U

Applications and Features

Applications:

- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g Wireless LAN
- Bluetooth®
- Public Wireless Hotspot
- WiFi
- Wireless Video Systems
- Multipoint and Mobile Applications

Features:

- Superior performance
- Lightweight fiberglass radome
- All weather operation
- Heavy-duty steel mounting brackets
- 12" Coax lead
- RoHS Compliant



Description

Economical and High Performance

The HyperGain® HG2412U is a high gain omnidirectional base station WiFi antenna designed and optimized for the 2.4GHz ISM band. This lightweight antenna is ideally suited for IEEE 802.11b and 802.11g wireless LANs, Bluetooth® and other multipoint applications where long range and wide coverage is desired.

This WiFi antenna features a 12-inch coax lead terminated with an N-Female connector. The mounting system consists of a steel bracket and a pair of 2.5 inch U-bolts, allowing installation on masts up to 2.0 inches in diameter.



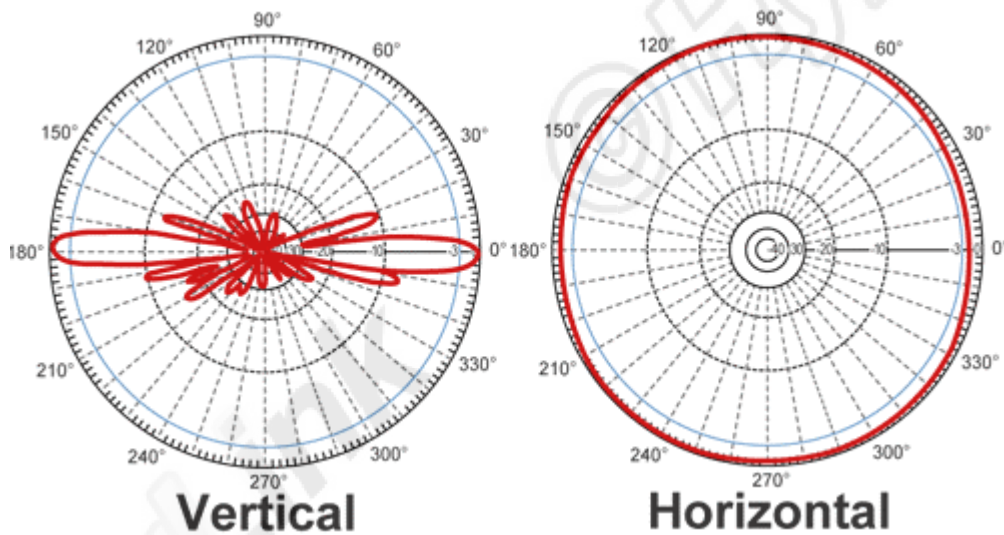
Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	12 dBi
Polarization	Vertical
Vertical Beam Width	8°
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	< 1.5:1 avg.


Mechanical Specifications

Weight	1.7 lbs (0.8kg)
Length	48 in. (1.2m)
Diameter	.740 in. (18.8mm)
Radome Material	Gray Fiberglass
Mounting	2.0" diameter mast max.
Wind Survival	>150 MPH
RoHS Compliant	Yes
Operating Temperature	-40° C to 85° C (-40° F to 185° F)

RF Antenna Gain Patterns

Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty