

2.4 GHz Professional 15 dBi Omnidirectional Wireless LAN Antenna HyperGain® Model: HG2415U-PRO

Applications and Features

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

- Features:**
- Superior performance
 - Lightweight fiberglass radome
 - All weather operation
 - Heavy-duty steel mounting brackets
 - Integral N-Female connector
 - RoHS Compliant



Features

Professional Performance

The HyperGain® HG2415U-PRO is a high gain omnidirectional base station WiFi antenna designed and optimized for the 2.4GHz ISM band. This 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 antenna features an integral N-Female connector. The mounting system consists of a pair of steel brackets and 2.7 inch U-bolts, allowing installation on masts up to 2.0 inches in diameter.

Specifications

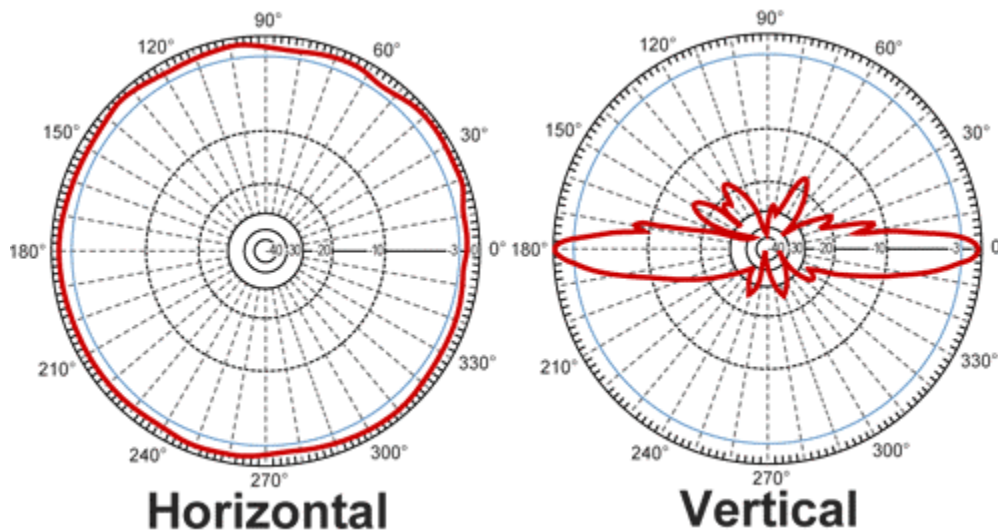
Electrical Specifications

Frequency	2400-2500 MHz
Gain	15 dBi
Polarization	Vertical
Vertical Beam Width	8°
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Input Power	100 Watts
VSWR	< 1.5:1 avg.
Lightning Protection	DC Short

Mechanical Specifications

Weight	3.3 lbs (1.5kg)
Length	40.5 in. (1.03m)
Base Diameter	1.69 in. (42.9mm)
Radome Diameter	1.52 in. (38.6mm)
Radome Material	Gray Fiberglass
Mounting	2.0" diameter mast max.
Wind Survival	up to 150 MPH
Operating Temperature	-40° C to to 85° C (-40° F to 185° F)
RoHS Compliant	Yes
Connector	Integral N-Female

RF Antenna Patterns



Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty.

Additional Antenna Mounts



Heavy Duty Stationary Mounting Kit for mounting to 1-1/4" to 2" dia. masts.
Includes two sets of U-Bolts, nuts and mast clamps.

HGX-PMT11