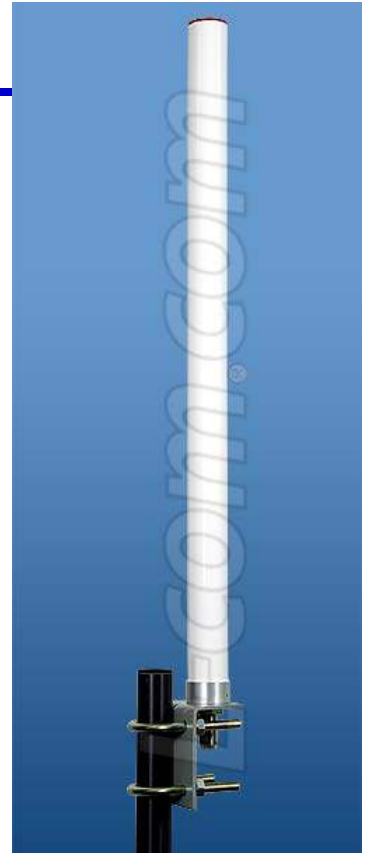


HyperLink Wireless brand 800/900 MHz (824 - 960 MHz) 6 dBi Model: HGV-906U High Performance Omnidirectional Antenna

Applications and Features

- Applications:
- 900MHz ISM Band
 - Wireless LAN systems
 - Multipoint applications
 - Non Line of Sight (NLOS)
 - GSM
 - SCADA
 - Wireless Video Links
 - 800MHz Cellular Band
 - 900MHz Cellular Band
 - Nextel®
- Features:
- Superior performance
 - Rugged industrial grade design
 - Lightweight fiberglass radome
 - All weather operation
 - Integral N-Female connector
 - Heavy-duty steel mounting bracket
 - Includes mast mounting kit



Description

The HyperGain® HGV-906U is a high performance omnidirectional antenna designed for the 800 MHz / 900 MHz ISM band. It is ideally suited for multipoint, Non Line of Sight (NLOS) and mobile applications where high gain and wide coverage is desired. Typical applications include 900MHz Wireless LAN, SCADA, Wireless Video Links and 800 MHz as well as 900MHz Cellular band applications.

This antenna features an integral N-Female bulkhead type connector that mounts through the wall of an equipment enclosure. Included with the HGV-906U is a mast mounting kit. Consisting of a heavy-duty steel bracket and a pair of U-bolts, this kit allows installation on masts up to 2.0" in diameter.

This omni antenna's construction features a rugged 1.3" diameter white high intensity fiberglass radome for durability and aesthetics. It is designed for all weather operation.



Specifications

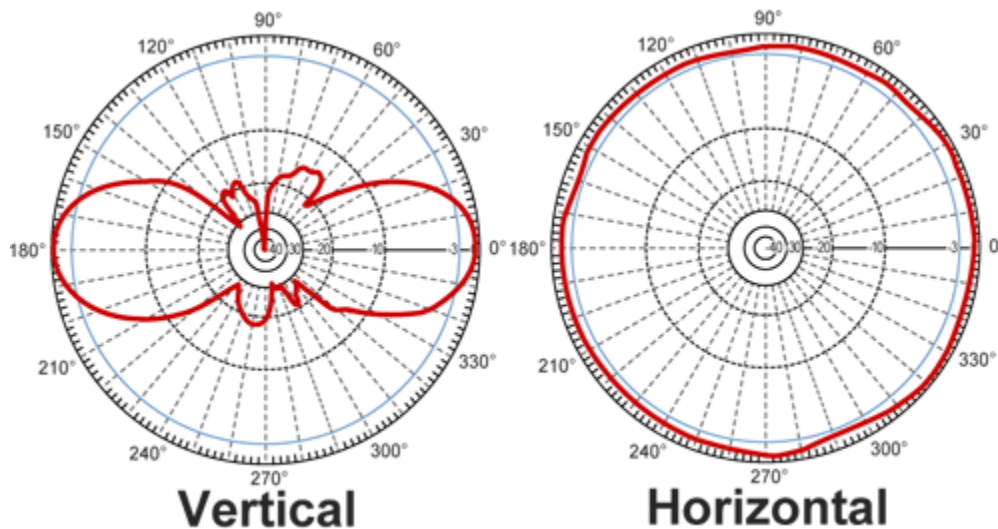
Electrical Specifications

| | |
|---------------------|---------------|
| Frequency | 824 - 960 MHz |
| Gain | 6 dBi |
| Vertical Beam Width | 30 degrees |
| Impedance | 50 Ohm |
| Max. Input Power | 100 Watts |
| VSWR | < 1.5:1 avg. |

Mechanical Specifications

| | |
|-----------------------|---|
| Connector | Integral N-Female |
| Weight | 2.4 lbs. (1.1 Kg) |
| Length | 23.6 in. (600 mm) |
| Diameter | 1.3 in. (33 mm) |
| Radome Material | White Fiberglass |
| Mounting | 1¼" to 2" dia. mast max. (31.7mm to 50.8mm dia.) |
| Polarization | Vertical |
| Operating Temperature | -40° C to to 85° C (-40° F to 185° F) |
| Rated Wind Velocity | 108 MPH |
| RoHS Compliant | Yes |

RF Antenna Gain Patterns



This product is backed by L-com's Limited Warranty.