

HyperLink Wireless 5.1 to 5.8 GHz 6 dBi Omnidirectional MINI PRO Series Antenna

Applications and Features

- Applications:**
- 5.8 GHz Band, 5.4 GHz Band, and 5.3 GHz Band Applications
 - WiFi and Wireless Lan Systems
 - IEEE 802.11a Wireless Lan
 - Unlicensed 5.1 - 5.8 GHz Band Applications
 - Wireless Video Systems

- Features:**
- Superior performance
 - Commercial Grade Design
 - All weather operation
 - Integral N-Female Connector
 - Fiberglass Radome



Model: HG5158UP

Features

The HyperGain® Model HG5158UP MINI PRO Series is an economical yet high performance omnidirectional Wi-Fi antenna designed for the 5.1 GHz through 5.8 GHz band applications. These compact and lightweight antennas are ideally suited for IEEE 802.11a and 802.11n wireless LANs, public wireless hotspot application and other multipoint applications where wide coverage is desired and multiple frequencies are available for use.

This antenna features an integral N-Female bulkhead type connector that mounts through the wall of an equipment enclosure. Included with the HG5158UP 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.

Constructed for all weather operation, the HG5158UP features collinear brass elements inside a durable UV-stable white fiberglass radome. The end cap is sealed with a drain hole at the base help prevent condensation build-up inside the antenna.

Specifications

Electrical Specifications

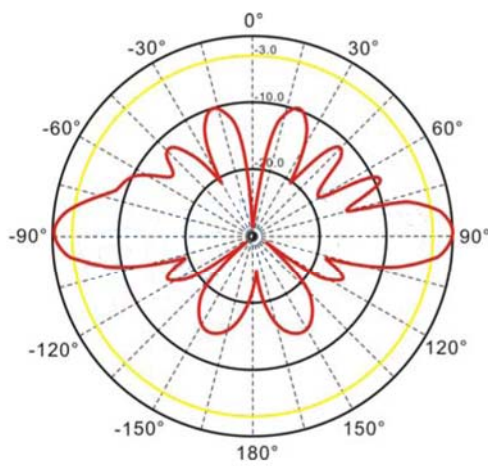
| | |
|------------------------------|------------------------|
| Frequency | 5100-5875 MHz |
| Gain | 6 dBi |
| Polarization | Vertical or Horizontal |
| Vertical Beam Width | 15° |
| Horizontal Beam Width | 360° |
| Impedance | 50 Ohm |

| | |
|-----------------------------|--------------|
| Max. Input Power | 50 Watts |
| VSWR | < 1.5:1 avg. |
| Lightning Protection | DC Ground |

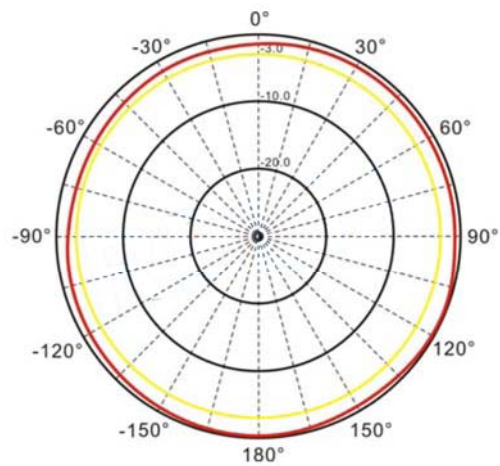
Mechanical Specifications

| | |
|---------------------------|--------------------------------------|
| Connector | Integral N Female |
| Weight | .35 lbs (.16kg) |
| Length | 11.6 in. (.29m) |
| Mounting Mast Dia. | 1 1/2 in. to 2 in. (35.10mm)(50.8mm) |

RF Antenna Patterns



Vertical



Horizontal

Guaranteed Quality

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