

## HyperLink Wireless 2.4 GHz 8 dBi Omnidirectional Wireless LAN Antenna HyperGain® Model: HG2408U

### Applications and Features

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

- Features:**
- Superior performance
  - Compact, lightweight design
  - Durable UV-stable fiberglass radome
  - All weather operation
  - 12" coax lead
  - Includes mounting system



### Features

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#### Performance

The HyperGain® HG2408U is a very compact yet high performance omnidirectional WiFi antenna designed for the 2.4GHz ISM band. It is ideally suited for multipoint and mobile applications where high gain and wide coverage is desired. Additional applications include IEEE 802.11b and 802.11g wireless LANs, Bluetooth®, public wireless hotspot applications.

#### Rugged and Weatherproof

This antenna's construction features a durable fiberglass radome for durability and aesthetics. Its mounting system features a heavy-duty extruded aluminum bracket and stainless steel U-Bolt for superior strength.

### Specifications

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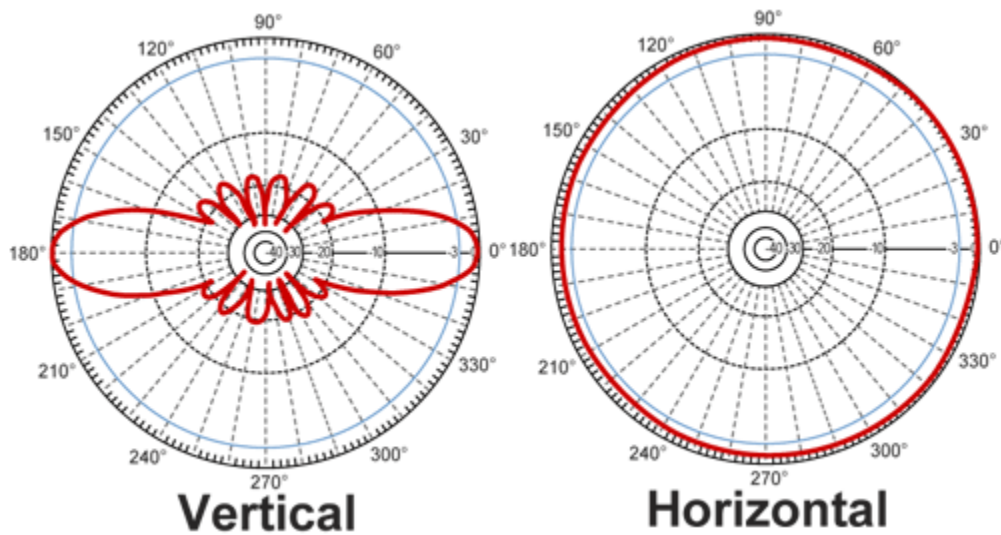
#### Electrical Specifications

|                         |               |
|-------------------------|---------------|
| <b>Frequency</b>        | 2400-2500 MHz |
| <b>Gain</b>             | 8 dBi         |
| <b>Impedance</b>        | 50 Ohm        |
| <b>Max. Input Power</b> | 100 Watts     |
| <b>VSWR</b>             | < 2.0:1 avg.  |

**Mechanical Specifications**

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Vertical Beam Width</b>   | 18°                                   |
| <b>Horizontal Beam Width</b> | 360°                                  |
| <b>Weight</b>                | < 1.5 lbs. (0.68 kg)                  |
| <b>Length</b>                | 16" (406.4 mm)                        |
| <b>Radome Material</b>       | White Fiberglass                      |
| <b>Mounting</b>              | 2 3/8" dia. mast max.                 |
| <b>Operating Temperature</b> | -40° C to 85° C<br>(-40° F to 185° F) |
| <b>Wind Survival</b>         | 100 MPH                               |

**Antenna Gain Pattern**



**Guaranteed Quality**

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