

HyperLink Wireless 800 MHz to 3.0 GHz Super Broadband 3.5 dBi Ceiling Mount Wireless LAN Antenna - Model: HG2404CU

Features and Applications

Features:

- Superior performance
- Compact size, low profile
- Attractive design
- Easy to mount
- 9 inch coax lead
- RoHS Compliant

Applications:

- **800-900 MHz Frequency Range:**
(824-960 MHz)
 - ◇ 900MHz ISM Band
 - ◇ GSM, RFID
 - ◇ Wireless video links
 - ◇ 900MHz cellular applications
- **1.8 GHz and 1.9 GHz Frequency Range:**
(1710-1880 MHz and 1880-1990 MHz)
 - ◇ PCS cellular radio applications
 - ◇ Sierra Wireless AirCard®
300/350/550/555/580/750 compatible
 - ◇ Mobile applications
- **2.4 GHz Frequency Range:**
(2400-2500 MHz)
 - ◇ 2.4 GHz ISM Band
 - ◇ IEEE 802.11b and 802.11g Wireless LAN
 - ◇ Bluetooth®
 - ◇ WiFi
- **1.2 GHz Frequency Range:**
(1080-1200 MHz)
 - ◇ Wireless Video Links
 - ◇ Wireless Security Cameras
 - ◇ Wireless Video Transmitters
 - ◇ Wireless Security Systems
- **2.3 GHz Frequency Range:**
(2305-2360 MHz)
 - ◇ 2.3 GHz WCS Band (2.31 - 2.36 GHz)
 - ◇ 2.36 GHz CDMA Band
 - ◇ Wireless Two-Way Voice, Data, and Video Services
 - ◇ Compatible with Navini™ Ripwave®
- **2.6 GHz Frequency Range:**
(2500-2700 MHz)
 - ◇ 2.6 GHz MMDS Band
 - ◇ IEEE 802.16 and 802.20
 - ◇ WiMAX Technology
 - ◇ Compatible with Navini™ Ripwave®



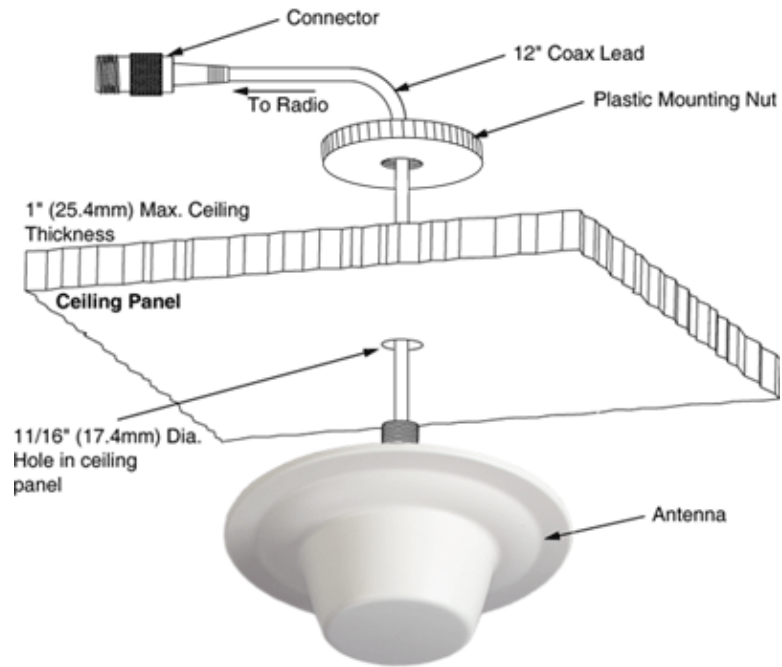
Description

The HyperGain® Model HG2404CU is a high performance broadband/multi-band ceiling mount WiFi antenna designed to operate from 800 MHz to 3 GHz. The Multi-Band design of this antenna eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of in-building wireless applications where wide coverage is desired. See above for applications by frequency range.

This compact and attractive antenna is designed to complement the aesthetics of the office environment. The HG2404CU antenna is designed to mount easily through a single 11/16" hole in a solid or suspended ceiling. The antenna's unique design provides an optimum pattern for indoor coverage.



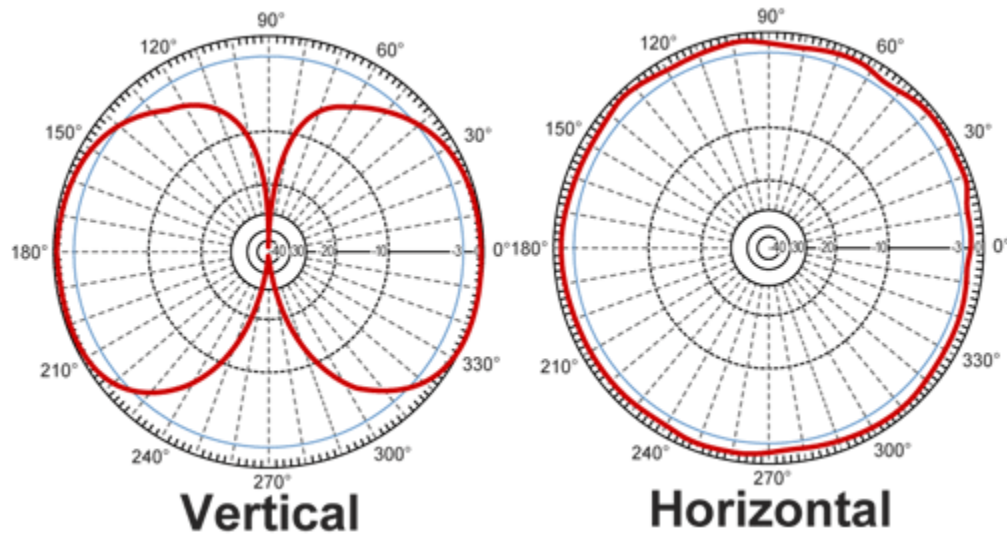
Mounting Details



Specifications

Frequency	800-3000 MHz
Gain	3.5 dBi
Polarization	Vertical (Linear)
Vertical Beam-width	90°
Horizontal Beam-width	360°
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	< 1.5:1 avg.
Weight	0.94 lbs. (0.35 kg)
Dimensions	7.0 in. (180mm) diameter x 2.75 in. (70mm) height
Mounting	5/8 in. diameter hole
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
RoHS Compliant	Yes

Antenna Gain Pattern



Guaranteed Quality

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