

## HyperLink 2.4 GHz to 2.5 GHz / 5.1 GHz to 5.9 GHz Dual Band Desktop Antenna with Magnetic Base

Model: HG2458MGRD

### Applications and Features

- Applications:**
- **2.4 GHz - 2.5 GHz / 5.1 GHz - 5.9 GHz Frequency Range:**
    - ◇ IEEE 802.11a, 802.11b, 802.11g and 802.11n access points and routers
    - ◇ 2.4 GHz ISM applications
    - ◇ 5.3 GHz/5.4GHz/5.8 GHz Applications
    - ◇ 5.8 GHz UNII/ISM Band Applications
    - ◇ WiFi applications
    - ◇ WiMAX applications
    - ◇ 2.4 GHz and 5.8 GHz wireless video systems
    - ◇ Bluetooth® applications
    - ◇ Public wireless hotspots

- Features:**
- Dual band design
  - Ideal for dual band access points and PCI adapters
  - Rugged composite radome
  - Antenna features tilt and swivel design
  - Compact design
  - Magnetic base with 5 ft. high performance low-loss 100-series cable
  - Available with MC-Card, MMCX, RP-SMA and RP-TNC connectors
  - RoHS Compliant



### Description

The HyperGain® Model HG2458MGRD is a high performance Dual Band rubber-duck desktop antenna designed to operate in 2.4-2.5 GHz or 5.1-5.9 GHz bands. The Dual Band design of this antenna eliminates the need to purchase different antennas for each frequency. It is ideally suited for IEEE 802.11a, 802.11b, 802.11g and 802.11n applications.

Measuring 10.1" long, this antenna features rugged composite blade style radome and can tilt-and-swivel. This allows it to be used vertically, at a right angle, or any angle in-between. This antenna includes a magnetic base suitable for fixing to vehicles\* or other metal surfaces as well as sitting on a tabletop or shelf. The 5 ft. (1.5m) High Performance Low-Loss 100 Series cable allows the user to position the antenna away from any obstacles or interference.

\*Installation Note: This mount is not intended for use outside moving vehicles, such as on a trunk lid or roof.

### Specifications

#### Electrical Specifications

<b>Frequency Ranges &amp; Gain</b>	2400-2483 MHz @ 3 dBi 5150-5900 MHz @ 5 dBi
<b>Horizontal Beam Width</b>	360°
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2:1

**Mechanical Specifications**

<b>Weight</b>	.16 lbs. (.07 kg)
<b>Length</b>	10.1" (256 mm)
<b>Max. Antenna Width</b>	1" (26 mm)
<b>Base Diameter</b>	1.6" (40.6 mm)
<b>Finish</b>	Matte Black
<b>Mounting</b>	Magnetic Base
<b>Operating Temperature</b>	-30° C to 60° C (-22° F to 140° F)
<b>Polarization</b>	Vertical
<b>RoHS Compliant</b>	Yes

**Guaranteed Quality**

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