Model: HG2409RD-SM

GOM



# 2.4 GHz 9 dBi SMA-Male High Performance "Rubber Duck" Wireless LAN Antenna

## Applications and Features

#### Applications:

- 2.4 GHz ISM Band
  - IEEE 802.11b, 802.11g Wireless LAN
  - IEEE 802.11n (Pre-N, Draft-N, MIMO) Applications
  - WiFi Access Points
- Bluetooth<sup>®</sup>
- Wireless Video Systems
- Multipoint and Mobile Applications

#### Features:

- RoHS
- Better performance then most stock AP antennas
  Flexible "Rubber Duck" antenna
  Tilt and swivel design

High Performance - 9 dBi

- SMA Male Connector
- RoHS Compliant
- Also available with magnetic mount

#### Description

This high performance 2.4GHz omnidirectional "rubber-duck" WiFi antenna provides broad coverage and 9 dBi gain. It is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth<sup>®</sup> and other WLAN applications.

Measuring 15.1" long, this flexible antenna features a tilt-and-swivel SMA-Male connector, allowing them to be used vertically, at a right angle, or any angle in-between. It is suitable as a replacement RF antenna for many access points and radios that are equipped with SMA connectors including FreeWave<sup>®</sup>, Senao<sup>®</sup>, Trapeze Networks<sup>™</sup> and others.

#### **Specifications**

#### **Electrical Specifications**

Frequency	2400-2500 MHz
Gain	9 dBi
Horizontal Beam Width	360°
Vertical Beam Width	25°
Impedance	50 Ohm
Max. Power	50W
VSWR	< 1.5:1



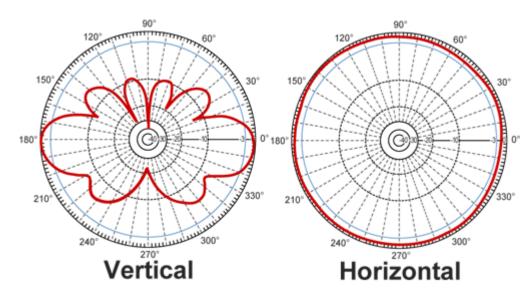
## **Mechanical Specifications**

2.1 oz. (60 g)
15.1" (384 mm)
0.50" (12.7 mm)
Matte Black
SMA Male
-40° C to 60° C (-40° F to 140° F)
Vertical
UL 94HB
Yes

## Dimensions



#### **RF Antenna Patterns**



#### **Guaranteed Quality**

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