

## 2.4 GHz 9 dBi N-Male High Performance "Rubber Duck" Wireless LAN Antenna - Model: HG2409RD-NM

### Applications and Features

- Applications:**
- 2.4 GHz ISM Band
  - IEEE 802.11b and 802.11g Wireless LAN
  - Bluetooth®
  - WiFi
  - Wireless Video Systems
  - Multipoint and Mobile Applications

- Features:**
- High Performance - 9 dBi
  - Flexible "Rubber Duck" antenna
  - Tilt and swivel design
  - N-Male Connector



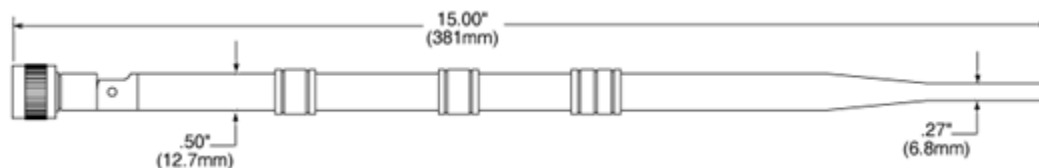
### Description

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 and 802.11g wireless LANs, Bluetooth® and other WLAN applications.

Measuring 15" long, this flexible antenna features a tilt-and-swivel N-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 N-Male connectors including EnGenius®, smartBridges airPoint™, Senao® and others.

### Specifications

#### Dimensions



## Electrical Specifications

Frequency	2400-2500 MHz
Gain	9 dBi
Horizontal Beam Width	360°
Vertical Beam Width	25°
Impedance	50 Ohm
Max. Power	50W
VSWR	< 2.0:1
Lightning Protection	DC Ground

## Mechanical Specifications

Weight	2.3 oz. (65 g)
Length	15" (381 mm)
Max. Diameter	0.62" (15.7 mm)
Finish	Matte Black
Connector	N-Male
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Polarization	Vertical
Flame Rating	UL94HB
RoHS Compliant	Yes

## RF Antenna Patterns

