

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

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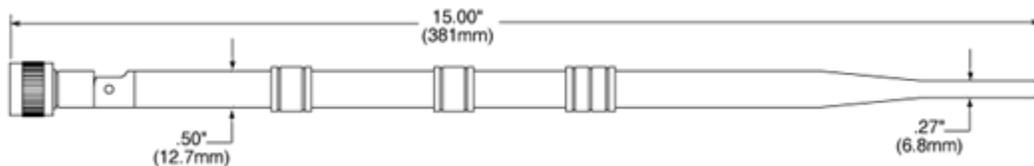
Description

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

