

2.4 GHz 9 dBi N-Female Bulkhead Connector, High Performance "Rubber Duck" Wireless LAN Antenna

Model: HG2409RD-NFB

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®
 - Wireless Video Systems
 - Multipoint and Mobile Applications

- Features:**
- High Performance - 9 dBi
 - Better performance than most stock AP antennas
 - Flexible "Rubber Duck" antenna
 - Tilt and swivel design
 - SMA Male Connector
 - RoHS Compliant
 - Also available with magnetic mount



Description

This high performance 2.4GHz Omni-directional "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® 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®, Senao®, Trapeze Networks™ and others.

Specifications

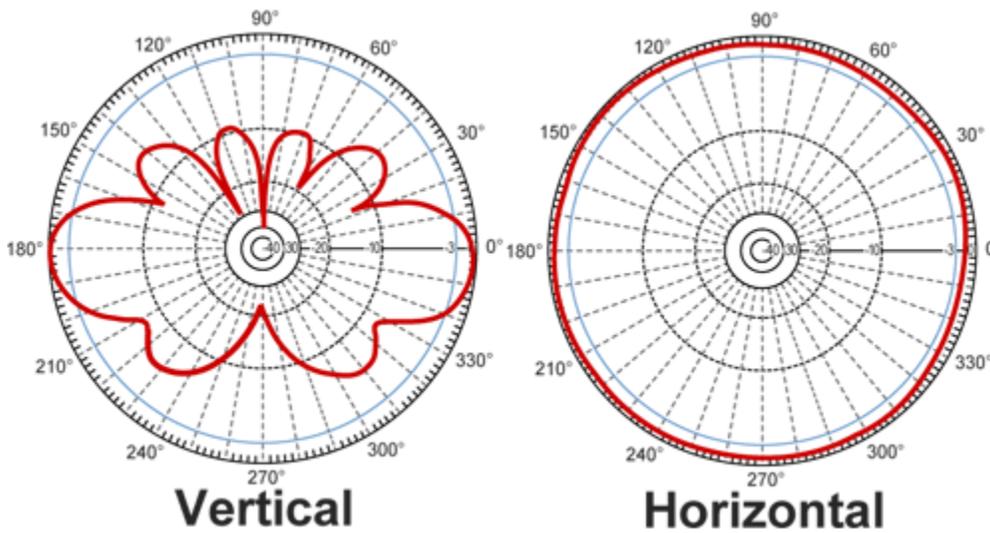
Electrical Specifications

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

Weight	2.1 oz. (60 g)
Length	15.4" (395 mm)
Max. Diameter	0.50" (12.7 mm)
Finish	Matte Black
Connector	N-Female Bulk Head
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Polarization	Vertical
Flame Rating	UL 94HB
RoHS Compliant	Yes

RF Antenna Patterns



Guaranteed Quality

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