



## 2.4 GHz 2.2 dBi Reverse Polarity SMA "Rubber Duck" Wireless LAN Antenna

Model: HG2402RD-RSF

### Features

- Compact size, only 4.7" long
- Tilt and swivel design
- RP-SMA Connector
- 802.11b, 802.11g and Bluetooth® compatible



### Description

This compact 2.4GHz omnidirectional "rubber-duck" WiFi antenna provides broad coverage and 2.2 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.

Only 4.7" long, this flexible antenna features a tilt-and-swivel reverse-polarity SMA plug connector, allowing them to be used vertically, at a right angle, or any angle in-between. It is suitable as a replacement antenna for many access points and radios that are equipped with reverse-polarity SMA connectors including D-Link®, Linksys® WET11 and others (Note: This RF antenna is used as a "replacement" antenna rather than a "range extender" antenna. It should yield similar range to most radio's stock antennas).

**Application Note:** This antenna is not for use with U.S.Robotics® RP-SMA equipped devices.

### Specifications

#### Electrical Specifications

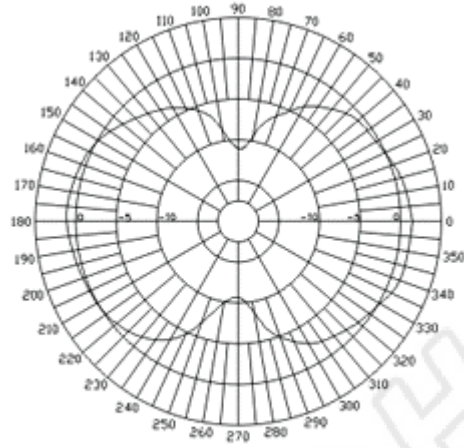
Frequency	2400-2500 MHz
Gain	2.2 dBi
Impedance	50 Ohm
VSWR	< 2.0

#### Mechanical Specifications

Weight	0.52 oz. (15 g)
Length	4.7" (105 mm)
Diameter	0.4" (10 mm)
Finish	Matte Black
Connector	Reverse Polarity SMA Plug
Operating Temperature	-40° C to to 85° C (-40° F to 185° F)
Polarization	Vertical
RoHS Compliant	Yes



Antenna Gain Pattern



Vertical

