

## 2.4 GHz 5.5 dBi Rubber Duck Antenna w/RP-SMA Plug Connector Model: HG2405RD-1-RSP

### Applications

- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g Wireless LAN
- WiFi and Bluetooth® applications
- Wireless video systems
- Multipoint and mobile applications

### Features

- Flexible "Rubber Duck" design
- Tilt and swivel design
- RP-SMA Plug connector
- Optional magnetic mount available



### Description

This compact 2.4 GHz omni-directional "rubber-duck" antenna provides broad coverage and 5.5 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.

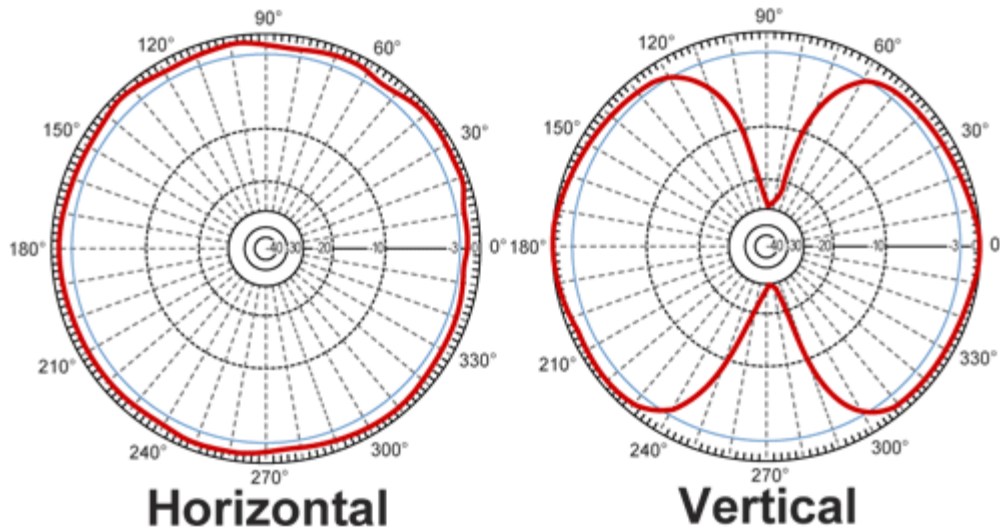
Measuring 8.0 inches long, this flexible antenna features a tilt-and-swivel Reverse-Polarity SMA Plug connector, allowing them to be used vertically, at a right angle, or any angle in-between. It is suitable as a replacement RF antenna for many access points and radios that are equipped with reverse-polarity SMA connectors including D-Link®, Linksys® WET11 and others.

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


### Specifications

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	5.5 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2.0
<b>Weight</b>	0.7 oz. (20g)
<b>Length</b>	8.0 in. (202mm)
<b>Diameter</b>	0.5 in. (13mm)
<b>Finish</b>	Matte Black
<b>Connector</b>	Reverse Polarity SMA Plug
<b>Polarization</b>	Vertical
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Flame Rating</b>	UL 94HB

**RF Antenna Gain Patterns**



**Mounting Options**

	<b>Description</b>	<b>Part Numbers</b>
	<p>The HMA6-Series magnetic mount is well suited for use with RP-SMA Plug Rubber Duck type antennas. The magnetic base is suitable for fixing to vehicles or other metal surfaces as well as sitting on a tabletop or shelf. Available with RP-SMA Plug and RP-TNC Plug connectors in 5 ft and 10 ft cable lengths.</p>	<p>HMA6-RSP05 HMA6-RTP05 HMA6-RSP10 HMA6-RTP10</p>