



## 900 MHz 3 dBi SMA-Male High Performance "Rubber Duck" Antenna Model: HG903RD-SM

### Applications and Features

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- Applications:**
- 900MHz ISM Band
  - 900MHz Cellular Band Applications
  - 900MHz Digital Spread Spectrum Radios
  - 900MHz Telemetry Products
  - GSM
  - RFID
  - Wireless Video Transmitters and Receivers
  - Multipoint and Mobile Applications

- Features:**
- Better performance than most stock AP antennas
  - Flexible "Rubber Duck" antenna
  - Tilt and swivel design
  - SMA-Male Connector
  - RoHS Compliant



### Description

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This high performance 900MHz omnidirectional "rubber-duck" antenna provides broad coverage and 3 dBi gain. It is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for 900MHz ISM band applications as well as 900MHz cellular applications.

Measuring 8.62" 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 900MHz radios that are equipped with SMA-Male connectors such as wireless video transmitters and receivers, 900MHz digital spread spectrum radios and more.

### Specifications

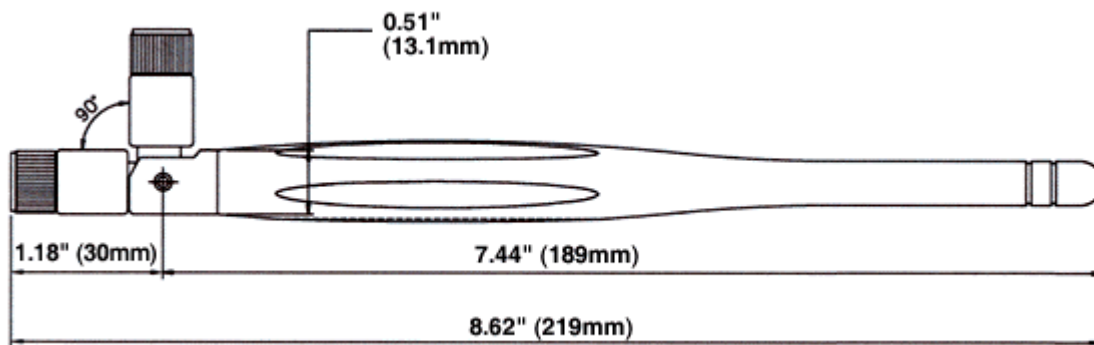
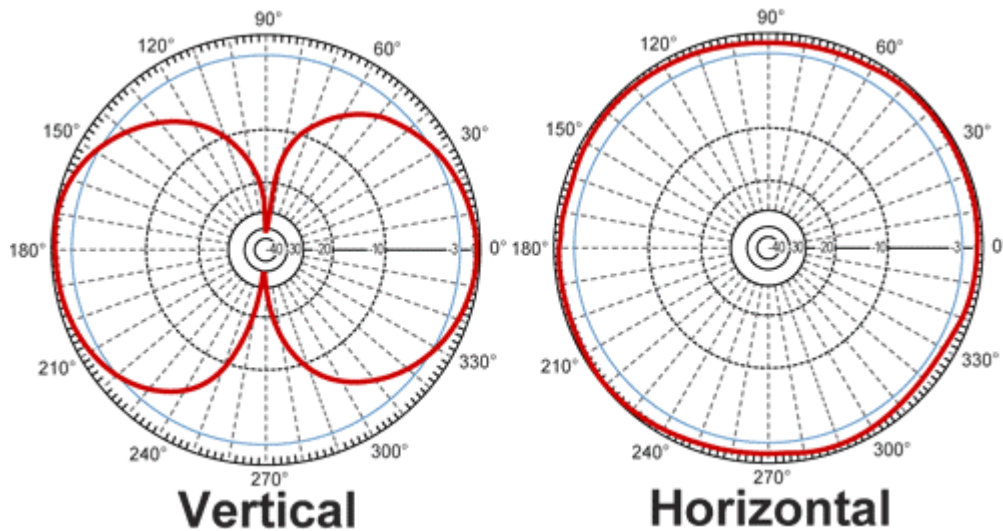
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#### Electrical Specifications

Frequency	860-960 MHz
Gain	3 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Power	50W
VSWR	< 2.0
Lightning Protection	DC Ground


**Mechanical Specifications**

Weight	1.6 oz. (45 g)
Length	8.62" (219 mm)
Max. Diameter	0.66" (16.7 mm)
Finish	Matte Black
Connector	SMA-Male
Operating Temperature	-40° C to to 60° C (-40° F to 140° F)
Polarization	Vertical
RoHS Compliant	Yes

**Dimensions**

**RF Antenna Patterns**

**Guaranteed Quality**

This product is backed by Hyperlink's Limited Warranty