

**HyperLink Wireless 900 MHz 5 dBi  
RP-SMA Plug High Performance  
"Rubber Duck" Wireless LAN Antenna**

**Model: HG905RD-RSP**

**Applications and Features**

- Applications:**
- 900MHz ISM Band
  - 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
  - Reverse Polarity SMA-Plug (RP-SMA) Connector
  - RoHS Compliant



**Description**

This high performance 900MHz omnidirectional "rubber-duck" antenna provides broad coverage and 5 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 cellular applications.

Measuring 16.9" long, this flexible antenna features a tilt-and-swivel Reverse Polarity SMA-Plug (RP-SMA) 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 RP-SMA connectors such as wireless video transmitters and receivers, 900MHz digital spread spectrum radios and more.

**Specifications**

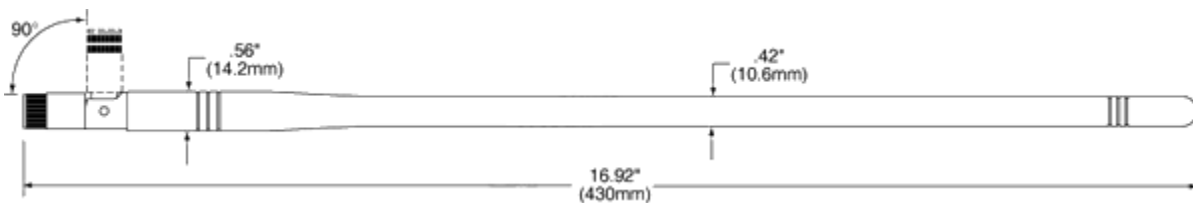
**Electrical Specifications**

|                              |             |
|------------------------------|-------------|
| <b>Frequency</b>             | 900-930 MHz |
| <b>Gain</b>                  | 5 dBi       |
| <b>Horizontal Beam Width</b> | 360°        |
| <b>Impedance</b>             | 50 Ohm      |
| <b>Max. Power</b>            | 50W         |
| <b>VSWR</b>                  | ≤ 2.5       |
| <b>Lightning Protection</b>  | DC Ground   |

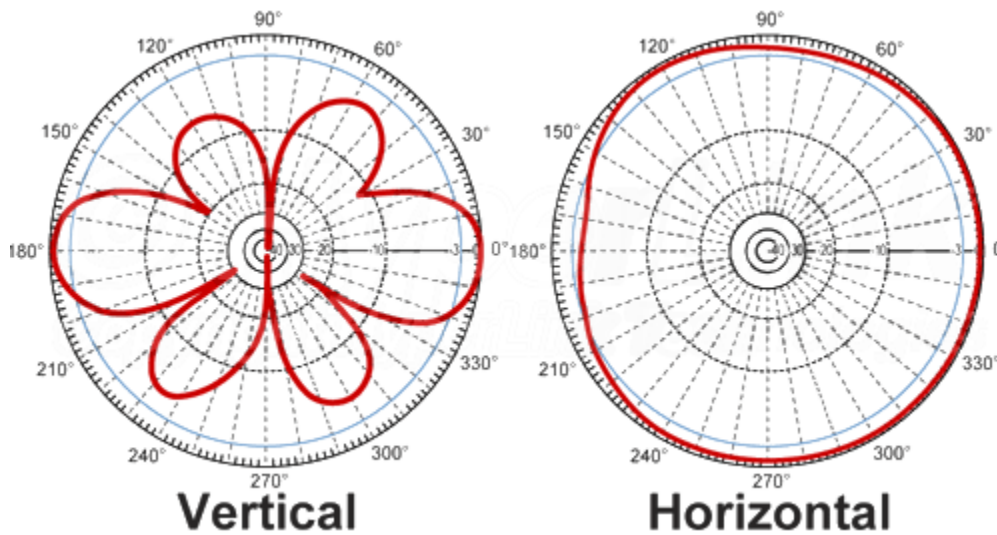
**Mechanical Specifications**

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Weight</b>                | 1.7 oz. (50 g)                        |
| <b>Length</b>                | 16.9" (430 mm)                        |
| <b>Max. Diameter</b>         | 0.56" (14.2 mm)                       |
| <b>Finish</b>                | Matte Black                           |
| <b>Connector</b>             | RP-SMA Plug                           |
| <b>Operating Temperature</b> | -40° C to 55° C<br>(-40° F to 131° F) |
| <b>Polarization</b>          | Vertical                              |
| <b>Flame Rating</b>          | UL 94HB                               |
| <b>RoHS Compliant</b>        | Yes                                   |

**Dimensions**



**RF Antenna Patterns**



**Guaranteed Quality**

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