

## HyperLink Wireless Brand 2.4 GHz 2 dBi Rubber Duck Antenna with Rigid Reverse Polarity SMA Connector - Model: HG2402RDR-RSP

### Applications

- 2.4 GHz ISM band
- IEEE 802.11b/g/n wireless LAN WiFi applications
- Public wireless hotspots
- Wireless video systems
- Multipoint and mobile applications

### Features

- High performance – 2 dBi
- Flexible rubber duck design
- Rigid RP-SMA Plug connector
- Optional magnetic mounts available



### Description

This compact 2.4 GHz Omni-directional "Rubber-Duck" WiFi antenna provides broad coverage and 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 3.13" long, this flexible antenna features a rigid reverse-polarity SMA plug connector for rigid upright installations on equipment. It is suitable as a replacement antenna for many access points and wireless equipment that feature reverse-polarity SMA connectors. The connector is crimped and soldered for excellent performance and low loss (Note this RF antenna is used as a "replacement" or "OEM" antenna rather than a "range extender" antenna). The antenna will achieve excellent range in most installations when the antenna is vertically positioned.

### Specifications

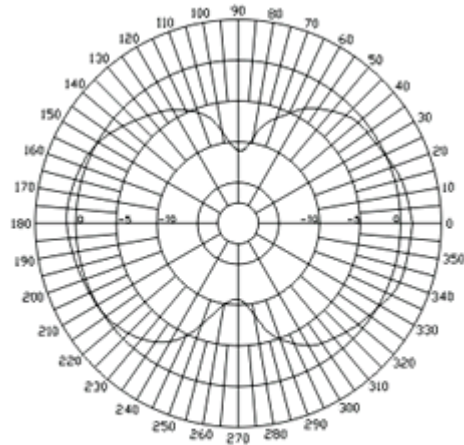
#### Electrical Specifications

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	2 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2.0
<b>Polarization</b>	Vertical

#### Mechanical Specifications

<b>Connector</b>	Reverse Polarity SMA Plug (RP-SMA Plug)
<b>Weight</b>	0.3 oz. (8g)
<b>Length</b>	3.13 in. (79.5mm)
<b>Diameter</b>	0.4 in. (10mm)
<b>Operating Temperature</b>	-40°C to 85°C (-40°F to 185°F)
<b>RoHS Compliant</b>	Yes

RF Antenna Pattern



**Vertical**