

HyperLink Wireless 2.4 GHz 9 dBi Reverse Polarity-SMA High Performance "Rubber Duck" Wireless LAN Antenna - Model: HG2409RD-RSP

Applications and Features

Applications:

- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g Wireless LAN
- Bluetooth[®]
- WiFi
- Wireless Video Systems
- Multipoint and Mobile Applications

Features:

- High Performance 9 dBi
- Flexible "Rubber Duck" antenna
- Tilt and swivel design
- RP-SMA Connector



Description

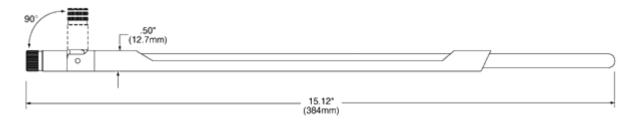
This high performance 2.4GHz omnidirectional "rubber-duck" WiFi antenna provides broad coverage and 9 dBi gain. It is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for IEEE 802.11b and 802.11g wireless LANs, Bluetooth® and other WLAN applications.

Measuring 15.1" long, this flexible antenna features a tilt-and-swivel reverse-polarity 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 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

Dimensions





Electrical Specifications

| Frequency | 2400-2500 MHz |
|-----------------------|---------------|
| Gain | 9 dBi |
| Horizontal Beam Width | 360° |
| Vertical Beam Width | 25° |
| Impedance | 50 Ohm |
| Max. Power | 50W |
| VSWR | < 1.5:1 |

Mechanical Specifications

| Weight | 2.1 oz. (60 g) |
|-----------------------|---------------------------------------|
| Length | 15.12" (384 mm) |
| Max. Diameter | 0.50" (12.7 mm) |
| Finish | Matte Black |
| Connector | Reverse Polarity SMA Plug |
| Operating Temperature | -40° C to 60° C (-40° F to 140° F) |
| Polarization | Vertical |
| RoHS Compliant | Yes |

RF Antenna Patterns

