

HyperLink Wireless Brand 2.4 GHz 3 dBi Reverse Polarity SMA “Rubber Duck” Antenna - Model: HG2403RD-RSF

Applications

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

Features

- Compact size, only 5.4 in. long
- Flexible “Rubber Duck” antenna
- Tilt and swivel design
- RP-SMA Plug connector
- Optional magnetic mount available



Description

This compact 2.4 GHz omnidirectional “rubber duck” antenna provides broad coverage and 3 dBi gain. It is a coaxial sleeve design with an omnidirectional pattern. It is ideally suited for IEEE 802.11b/g wireless LAN and other WiFi applications.

Only 5.4 inches long, this flexible antenna features a tilt-and-swivel Reverse Polarity SMA Plug connector, allowing it to be used vertically, at a right angle or any angle in between. It is suitable as a replacement antenna for many access points and radios that are equipped with a RP-SMA Plug connectors including D-Link®, Linksys® and others (Note: The HG2403RD-RSF is used as a “replacement” antenna rather than a “range extender” antenna. It should yield similar range to most radio’s stock antennas).

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

Specifications

Electrical Specifications

Frequency	2400-2500 MHz
Gain	3 dBi
Impedance	50 Ohm
VSWR	< 2.0
Polarization	Vertical

Mechanical Specifications

Connector	Reverse Polarity SMA Plug (RP-SMA Plug)
Weight	0.81 oz. (23g)
Length	5.4 in. (137mm)
Diameter	0.5 in. (13mm)
Finish	Matte Black
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Flame Rating	UL 94HB
RoHS Compliant	Yes

RF Antenna Patterns

