

HyperLink Wireless 2.4 GHz 3 dBi Rubber Duck Antenna Model: HG2403RD

Applications

- 2.4 GHz ISM band
- IEEE 802.11b/g wireless LAN
- WiFi networks
- 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
- Multiple connector options
- Optional magnetic mounts available



(HG2403RD-SM Model Shown)

Description

This compact 2.4 GHz omni-directional “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 IEEE 802.11b/g wireless LAN and other WiFi applications.

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



N-Male Connector

Specifications

Models

Model Number	Connector Type
HG2403RD-NM	N-Male
HG2403RD-SM	SMA-Male
HG2403RD-RTF	Reverse Polarity TNC Plug (RP-TNC Plug)
HG2403RD-RSF*	Reverse Polarity SMA Plug (RP-SMA Plug)
*Application note: The RP-SMA model is not for use with U.S Robotics® RP-SMA equipped devices.	

Electrical Specifications

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

Mechanical Specifications

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

