

HyperLink Wireless 2.4 GHz to 5.8 GHz 3 dBi Reverse Polarity SMA Tri-Band Rubber Duck Wireless LAN Antenna

Model:
HG2458RD-RSP

Applications and Features

Applications:

- **2.4 GHz - 2.5 GHz Frequency Range:**
 - ◇ 802.11b & 802.11g Access Points & Routers
 - ◇ 2.4 GHz ISM Applications
 - ◇ WiFi Systems
 - ◇ Bluetooth® Applications
 - ◇ Public Wireless Hotspots
 - ◇ Wireless Video Services
- **4.9 GHz - 5.3 GHz Frequency Range:**
 - ◇ 802.11a Access Points and Routers
 - ◇ 5.3 GHz Band Applications
 - ◇ Homeland Security
 - ◇ Public Safety Services: Fire, Police, Security
- **5.7 GHz - 5.8 GHz Frequency Range:**
 - ◇ 5.8 GHz ISM Band Applications
 - ◇ 5.8 GHz UNII Band Applications
 - ◇ WiFi Systems
 - ◇ 5.8 GHz Wireless Video Systems

Features:

- Superior performance
- Tri-Band operation
- Better performance than most stock AP antennas
- Flexible "Rubber Duck" antenna
- Tilt and swivel design
- RP-SMA Connector
- RoHS Compliant
- Optional Magnetic Mount Available



Description

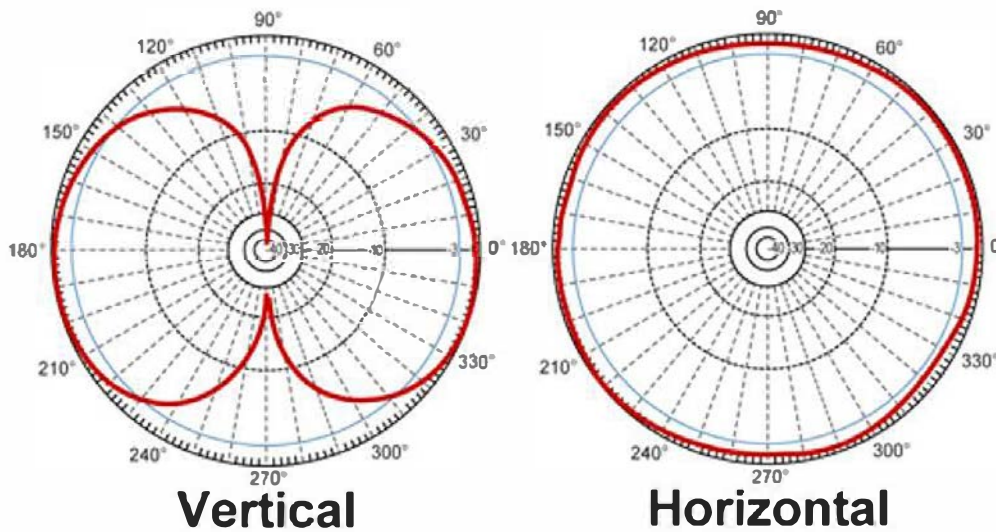
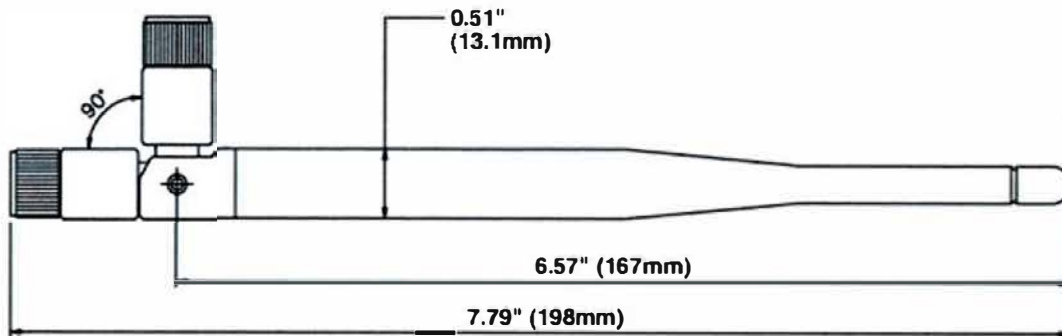
The HyperGain® Model HG2458RD is a high performance Tri-Band rubber-duck antenna designed to operate from 2.4 GHz to 2.5 GHz, 4.9 GHz to 5.3 GHz and 5.7 GHz to 5.8 GHz. The Multi-Band design of this antenna eliminates the need to purchase different antennas for each frequency. The Tri-Band design of this antenna helps reduce interference and noise since it will reject out-of-band signals between the three bands of this antenna. This omnidirectional "rubber-duck" antenna provides broad coverage and 3 dBi gain.

Measuring 7.79" 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

Frequency Ranges	2400-2500 MHz, 4900-5350 MHz 5725-5850 MHz
Gain	3 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
Input Power	5 Watts
VSWR	< 2:1
Weight	.96 oz. (27 g)
Length	7.79" (198 mm)
Max. Diameter	0.51" (13.1 mm)
Finish	Matte Black
Connector	Reverse Polarity SMA Plug
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Polarization	Vertical
Flame Rating	UL 94HB
RoHS Compliant	Yes



Guaranteed Quality

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