



2.4-2.5 GHz / 5.1-5.9 GHz Reverse Polarity-SMA Dual Band Rubber Duck Wireless LAN Antenna Model: HG2458-5RD-RSP

Applications and Features

Applications:	2.4 GHz - 2.5 GHz Frequency Range: ◇ 802.11b & 802.11g Access Points and Routers ◇ 2.4 GHz ISM Applications ◇ WiFi Systems ◇ Bluetooth® Applications ◇ Public Wireless Hotspots ◇ Wireless Video Services	5.1 GHz - 5.9 GHz Frequency Range: ◇ 802.11a Access Points & Routers ◇ 5.3/5.4/5.8 GHz Band Applications ◇ 5.8 GHz ISM/UNII Applications ◇ Radio Local Area Networks (RLAN) ◇ WiMAX Technology ◇ 5.8 GHz Wireless Video Systems
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Features:	<ul style="list-style-type: none"> • Dual Band Design • Rugged composite radome • Tilt and swivel connector • Compact design • RP-SMA Connector • RoHS Compliant • Optional Magnetic Mount Available
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Description

The HyperGain® Model HG2458-5RD is a high performance Dual Band rubber-duck antenna designed to operate in 2.4 GHz to 2.5 GHz or 5.1 GHz to 5.9 GHz bands. The Dual Band design of this antenna eliminates the need to purchase different antennas for each frequency.

Measuring 8.6" long, this antenna features rugged composite blade style radome and a tilt-and-swivel reverse-polarity SMA connector. This allows it 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.

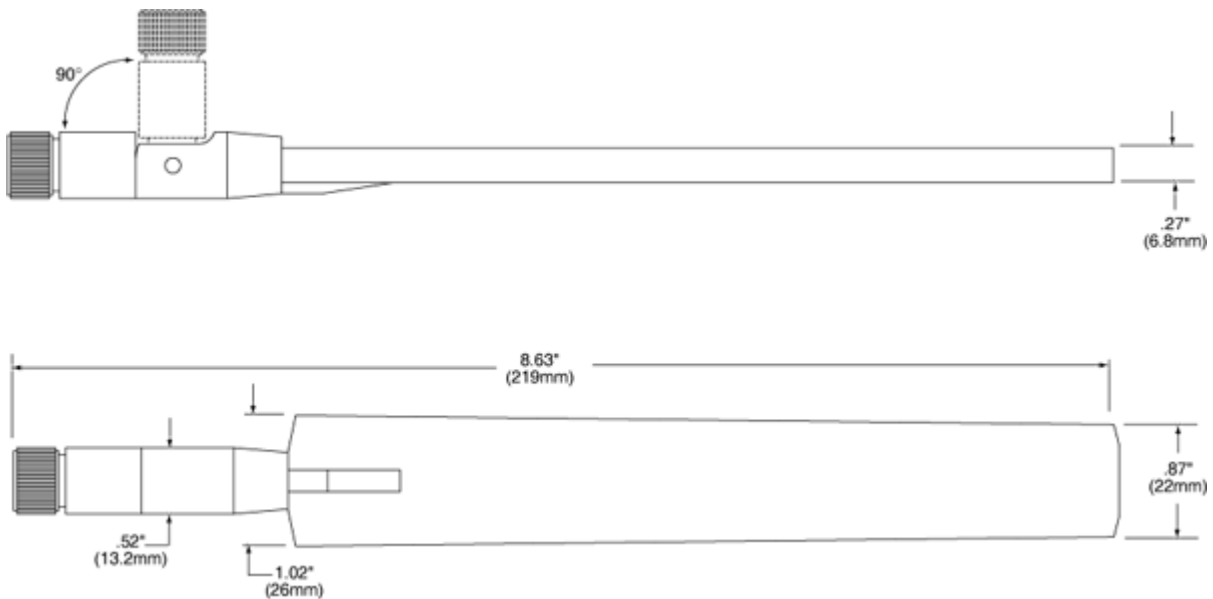
Specifications

Electrical Specifications

Frequency Ranges / Gain	2400-2483 MHz / 3 dBi 5500-5900 MHz / 5 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
VSWR	< 2:1


Mechanical Specifications

Weight	.63 oz. (18 g)
Length	8.6" (219 mm)
Max. Width	1" (26 mm)
Finish	Matte Black
Connector	Reverse Polarity SMA Plug
Operating Temperature	-30° C to to 60° C (-22° F to 140° F)
Polarization	Vertical
RoHS Compliant	Yes

Dimensions

Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty

Magnetic Mount

Model	Description
HMA6-RSPA10	Reverse-Polarity SMA-Jack (RP-SMA Jack) magnetic mount with 5 ft. high performance low-loss 100 series cable terminated with a Reverse-Polarity SMA Plug (RP-SMA Plug) connector. Custom connectors and cable lengths also available.