



2.4 GHz to 5.8 GHz 3 dBi TNC-Male TriBand Rubber Duck Antenna - Model: HG2458RD-TM

Applications and Features

- **2.4 GHz - 2.5 GHz Frequency Range:**
 - ◇ 802.11b, 802.11g, 802.11n Access Points and 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
- Superior performance
- TriBand operation
- Better performance than most stock AP antennas
- Flexible "Rubber Duck" antenna
- Tilt and swivel design
- TNC-Male Connector
- RoHS Compliant



**Multi-Band
Operation!**



Description

The HyperGain® Model HG2458RD is a high performance TriBand 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 TriBand 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 TNC-Male 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 radios that are equipped with TNC connectors.

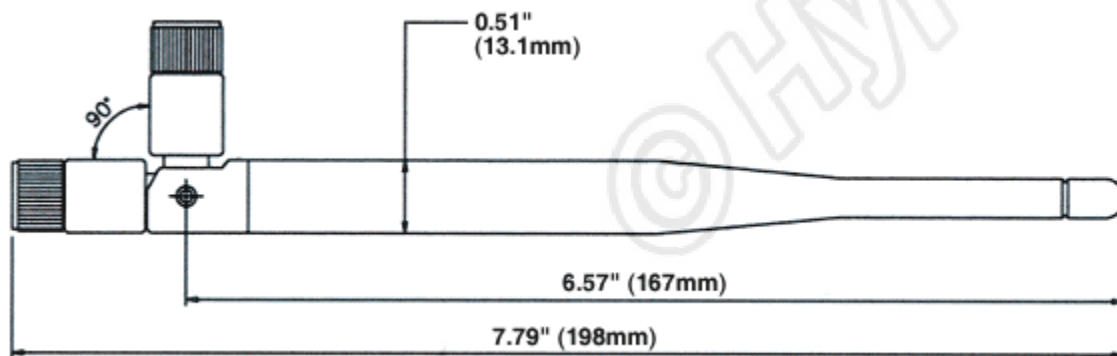
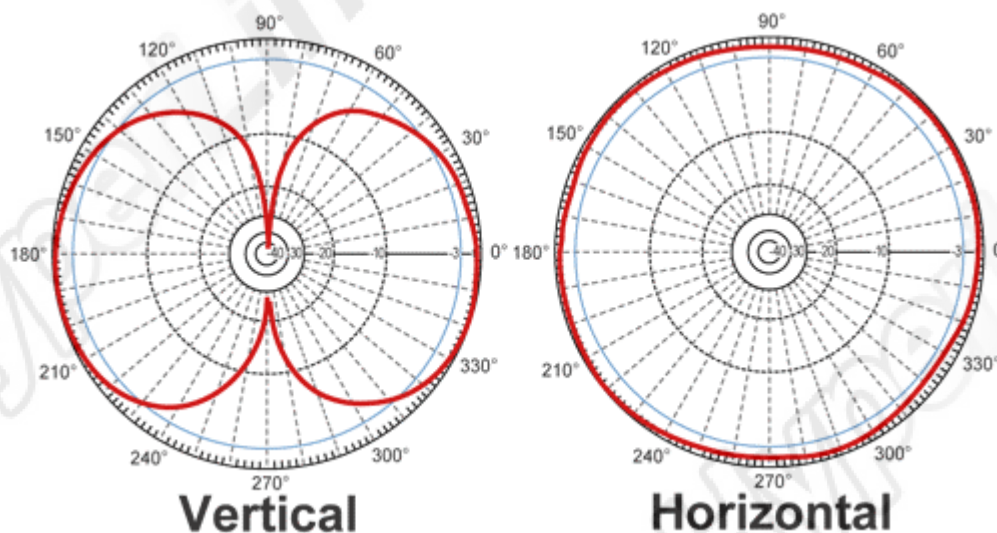
Specifications

Electrical Specifications

Frequency Ranges	2400-2500 MHz 4900-5350 MHz 5725-5850 MHz
Gain	3 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Power	50W
VSWR	< 2:1


Mechanical Specifications

Weight	.96 oz. (27 g)
Length	7.79" (198 mm)
Max. Diameter	0.51" (13.1 mm)
Finish	Matte Black
Connector	TNC-Male
Operating Temperature	-40° C to to 60° C (-40° F to 140° F)
Polarization	Vertical
Flame Rating	UL 94HB
RoHS Compliant	Yes

Dimensions

RF Antenna Patterns

Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty