

## HyperLink Wireless 2.4/5.8 GHz Dual Band Rubber Duck Antenna Model: HG2458-5RD-RSP

### Applications

- 2.4 GHz, and 5.8 GHz band applications
- IEEE 802.11a/b/g/n and 802.11ac WiFi access points and routers
- 5.8 GHz ISM/UNII applications
- 5.8 GHz wireless video and security systems

### Features

- Two frequency ranges in one antenna
- Rugged composite radome
- Compact design
- Tilt and swivel design
- RP-SMA Plug connector



### Description

The HyperLink 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. It is ideally suited for IEEE 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac applications.

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 5100-5900 MHz / 5 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
VSWR	< 2:1

## Mechanical Specifications

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

## RF Antenna Patterns

