HyperLink Wireless 2.4/4.9/5.8 GHz 3 dBi Tri-Band Rubber Duck Antenna
Model: HG2458RD-XXX

Applications

- 2.4 GHz, 4.9 GHz and 5.8 GHz band applications
- IEEE 802.11a/b/g/n and 802.11ac WiFi access points and routers
- 4.9 GHz homeland security, public safety services, fire, police and security applications
- 5.8 GHz wireless video and security systems

Features

- Three frequency ranges in one antenna
- Flexible rubber duck design
- Provides better performance than most stock access point antennas
- Tilt and swivel design
- Available with SMA Male, TNC Male or RP-SMA Plug connectors

RP-SMA Plug Version Shown

Description

The HyperLink HG2458RD series 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 which 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 connector which allows them to be used vertically, at a right angle, or any angle in-between. It is suitable as a replacement RF antenna for many wireless access points and routers that are equipped with similar type antennas. The HG2458RD is available with SMS Male, TNC Male or RP-RSP Plug connectors.

Specifications

Models

Model Number	Connector
HG2458RD-TM	TNC Male
HG2458RD-SM	SMA Male
HG2458RD-RSP	Reverse Polarity SMA Plug

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
Operating Temperature	-40° C to 60° C (-40° F to 140° F)
Polarization	Vertical
Flame Rating	UL 94HB
RoHS Compliant	Yes

RF Antenna Patterns

Vertical

Horizontal