

HyperLink Wireless 3.5 MHz 5 dBi RP-SMA Plug High Performance "Rubber Duck" Antenna

Model: HG3505RD-RSP

Applications and Features

- Applications:**
- 3.5 GHz Band Applications
 - Wireless LAN systems
 - IEEE 802.16e Applications
 - WiMAX
 - Mobile WiMAX
 - SOFDMA
 - Multipoint and Mobile Applications

- Features:**
- Flexible "Rubber Duck" antenna
 - Tilt and swivel design
 - Reverse Polarity SMA-Plug (RP-SMA) Connector
 - RoHS Compliant



Description

This high performance 3.5 GHz omnidirectional "rubber-duck" antenna provides broad coverage and 5 dBi gain. It is a coaxial sleeve design with an omni-directional pattern. Typical applications include IEEE 802.16e, WiMAX and Mobile WiMAX applications.

Measuring 8.2" long, this flexible antenna features a tilt-and-swivel Reverse Polarity SMA-Plug (RP-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 3.5GHz radios that are equipped with RP-SMA connectors.

Specifications

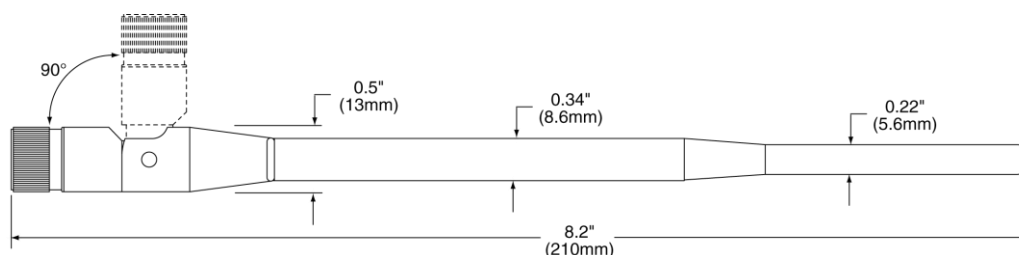
Electrical Specifications

Frequency	3400-3600 MHz
Gain	5 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Power	1W
VSWR	≤ 2.0

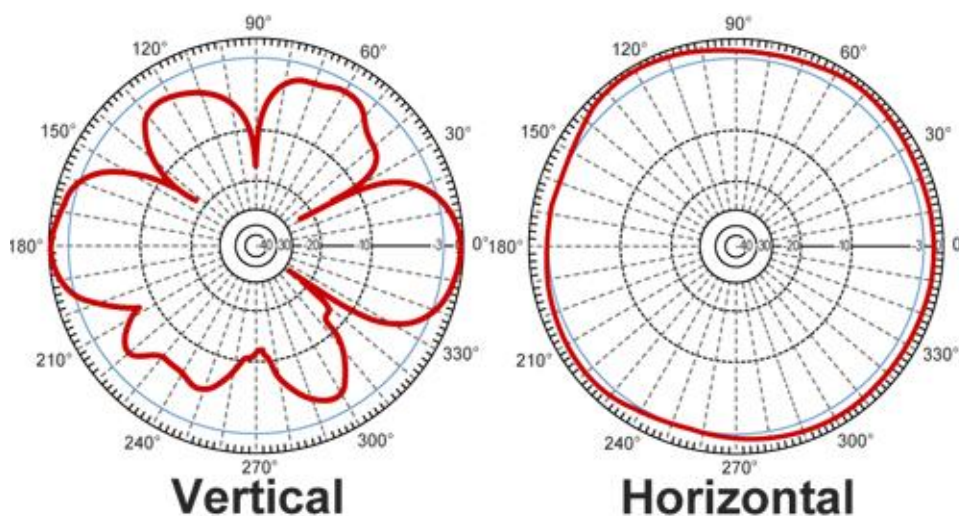
Mechanical Specifications

Weight	0.7 oz. (20 g)
Length	8.2 in. (210 mm)
Max. Diameter	0.52" (13 mm)
Finish	Matte Black
Connector	RP-SMA Plug
Operating Temperature	-30° C to 60° C (-22° F to 140° F)
Polarization	Vertical
Flame Rating	UL 94HB
RoHS Compliant	Yes

Dimensions




RF Antenna Patterns



Guaranteed Quality

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

Optional Magnetic Mount

	HMA6	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) or Reverse-Polarity TNC Plug (RP-TNC Plug) connector. Custom connectors and cable lengths also available.
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