

HyperLink Wireless brand 1.9 GHz 3 dBi Reverse Polarity-SMA "Rubber Duck" Antenna for PCS Applications

Model: HG1903RD-RSP

Applications and Features

- Applications:**
- 1.9 GHz band applications
 - PCS cellular radio applications
 - Mobile applications

The following applications require use of the optional magnetic mount:

- GPRS/EDGE or CSD, (WAN) connections on GSM 1900 networks (Sony Ericsson® Edge PC-Card)
- Can be used with the following wireless data services (Sierra Wireless AirCard® required):
 - Alltel®
 - AT&T® Wireless
 - Cellular One®
 - Sprint PCS®
 - SureWest®
 - T-Mobile®
 - U.S. Cellular®
 - Verizon Wireless®

- Features:**
- Compact size, only 5.2" long
 - Flexible "Rubber Duck" antenna
 - Tilt and swivel design
 - RP-SMA Connector
 - Optional Magnetic Mount Available



Description

This compact 1.9GHz omnidirectional "rubber-duck" antenna provides broad coverage and 3 dBi gain. It is a coaxial sleeve design with an omni-directional pattern. It is ideally suited for Personal Communication Services (PCS) cellular radio wireless applications where omni-directional coverage and low visibility are desired.

Only 5.2" long, this flexible antenna features a tilt-and-swivel reverse-polarity SMA plug connector, allowing them to be used vertically, at a right angle, or any angle in-between.

Optional Magnetic Mount

When purchased with the optional HMA6 magnetic mount, this antenna can be used with a wide range PCS devices that do not have PR-SMA connectors.

Specifications

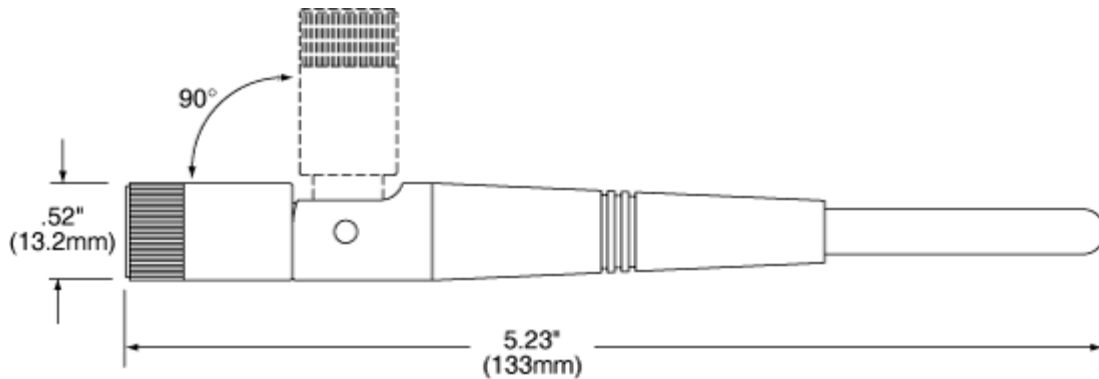
Electrical Specifications

Frequency	1850-1990 MHz
Gain	3 dBi
Horizontal Beam Width	360°
Impedance	50 Ohm
Max. Power	50W
VSWR	< 2:1
Lightning Protection	DC Ground

Mechanical Specifications

Weight	.77 oz. (22 g)
Length	5.2" (133 mm)
Max. Diameter	0.52" (13.2 mm)
Finish	Matte Black
Connector	Reverse Polarity SMA Plug
Operating Temperature	-40° C to 55 ° C (-40° F to 131° F)
Polarization	Vertical
Flame Rating	UL 94HB
RoHS Compliant	Yes


Dimensions



Guaranteed Quality

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

Magnetic Mount

Model	Description
 HMA6-RSP10	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. Additional connectors and cable lengths also available.