

## HyperLink 1.9 GHz 3 dBi Omnidirectional Rubber Duck Antenna with Magnetic Base

Model: HG1903MGRD

### Applications and Features

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- Applications:**
- 1.9 GHz band applications
  - PCS cellular radio applications
  - Mobile applications
  - 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 6.7" long
  - Flexible "Rubber Duck" antenna
  - Magnetic base with 5 ft. high performance low-loss 100-series cable
  - Antenna features tilt and swivel design
  - Custom connectors and cable lengths available
  - RoHS Compliant



### Description

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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. The compact size of this antenna is ideal where omni-directional coverage and low visibility are desired. Mobile applications including service vehicles, public transportation, law enforcement, mining and construction vehicles, as well as numerous other commercial and industrial applications where mobility is required.

This antenna includes a magnetic base suitable for fixing to vehicles\* or other metal surfaces as well as sitting on a tabletop or shelf. The 5 ft. (1.5m) High Performance Low-Loss 100 Series cable allows the user to position the antenna away from any obstacles or interference.

\*Installation Note: This mount is not intended for use outside moving vehicles, such as on a trunk lid or roof.

## Specifications

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### Antenna Electrical Specifications

<b>Frequency Ranges</b>	1850-1990 MHz
<b>Gain</b>	3 dBi
<b>Maximum Input Power</b>	50 W
<b>VSWR</b>	≤ 2.0

### Antenna Mechanical Specifications

<b>Weight</b>	0.90 oz. (25.5 g)
<b>Length</b>	6.7 in. (170 mm)
<b>Base Diameter</b>	1.6" (40.6 mm)
<b>Finish</b>	Black Plated
<b>Mounting</b>	Magnetic
<b>Polarization</b>	Vertical
<b>Operating Temperature</b>	-40° C to 55 ° C (-40° F to 131° F)
<b>RoHS Compliant</b>	Yes

### Guaranteed Quality

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