

## HyperLink Wireless 900MHz 5 dBi Magnetic Mount Omni Range Extender Antenna Model: RE905U

### Applications

- 900MHz Digital Spread Spectrum Radios
- GSM, ISM, WLAN and RFID applications
- Cellular modem applications
- Wireless Video Transmitters and Receivers
- Multipoint and Mobile Applications

### Features

- 900MHz Frequency Band operation
- Compact size
- Ideal for indoor or outdoor use
- Magnetic mounting base
- 4 foot low-loss cable with multiple connector options



### Description

This compact magnetic mount 5 dBi Omni antenna provides broad coverage and is designed to operate in 900MHz, band. In the 800MHz - 900MHz band it is ideally suited for GSM, ISM, WLAN, RFID applications. This antenna is also ideally suited for multipoint mobile applications including service vehicles, public transportation, law enforcement, mining and construction vehicles, as well numerous other commercial and industrial applications where mobility and wide coverage is desired. The antenna is compatible with 900MHz wireless LAN and Cellular systems as well as RFID. The magnetic base is suitable for fixing to vehicles or other metal surfaces as well as sitting on a tabletop or shelf.

### Specifications

#### Models

Model Number	Connector Type
RE905U-NM	N-Male
RE905U-SM	SMA-Male
RE905U-TM	TNC-Male
RE905U-SNP	SMA-Nano/SSMB-Nano (Sierra Wireless AirCard® Compatible)
RE905U-TS9	TS-9 Plug (for cellular applications)

**Mechanical Specifications**

<b>Weight</b>	0.1 lbs. (0.04 Kg)
<b>Length</b>	7.2 in. (180 mm)
<b>Base Diameter</b>	1.2 in. (30 mm)
<b>Finish</b>	Black Plated
<b>Mounting</b>	Magnetic
<b>Polarization</b>	Vertical
<b>Operating Temperature</b>	-20° C to 85° C (-4° F to 185° F)
<b>RoHS Compliant</b>	Yes

**Electrical Specifications**

<b>Frequency Ranges</b>	824 - 960 MHz
<b>Gain</b>	5 dBi
<b>Maximum Input Power</b>	10 W
<b>VSWR</b>	≤ 2.0