

HyperLink Wireless brand HyperGain® Range Extender  
7 dBi Mobile or Desktop Omni Antenna with Magnetic  
Base - Model: RE07U

**Applications and Features**

- Applications:**
- 2.4 GHz ISM Band
  - IEEE 802.11b and 802.11g Wireless LAN
  - Bluetooth®
  - Public Wireless Hotspot
  - WiFi
  - Wireless Video Systems

- Features:**
- High performance
  - 7 dBi gain
  - Compact size, 10.2 " High
  - Magnetic base
  - 4 foot coax lead



**Description**

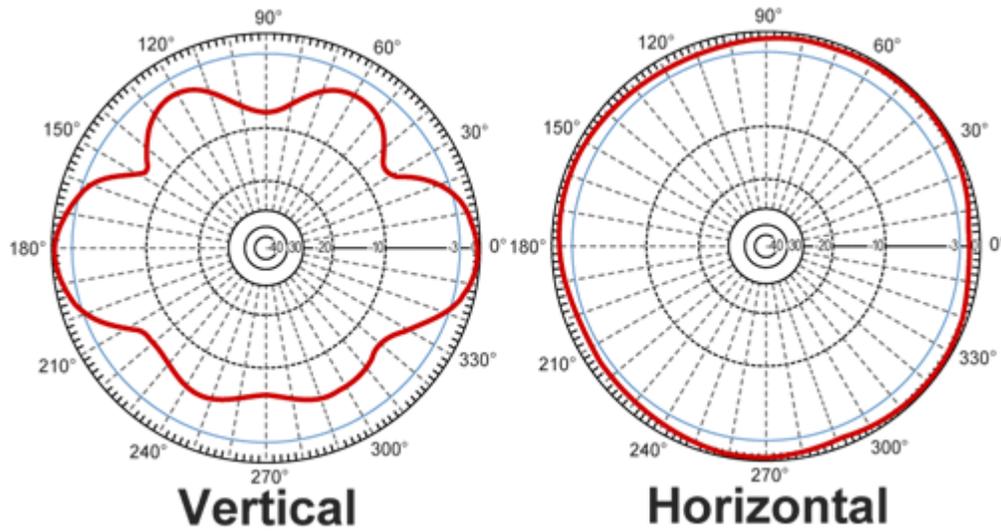
This versatile high performance Omni-direction WiFi antenna delivers an impressive 7dBi gain for optimum range and coverage. This unidirectional antenna is an ideal choice for connecting handhelds and notebooks to public Hot Spots, where the additional gain and optimized antenna placement provide longer range and a more robust link. It is compatible with IEEE 802.11b and 802.11g wireless LAN systems operating in the 2.4GHz ISM band.

The RE07U features a magnetic base that allows it to be either used as a table top antenna or attached to metal surfaces. This antenna features an integral 4 foot low loss cable terminated with the appropriate radio connector, eliminating the need for a separate radio pigtail adapter.

**Antenna Specifications**

<b>Frequency</b>	2360-2500 MHz
<b>Gain</b>	7 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 1.8:1 avg.
<b>Maximum Input Power</b>	10 W
<b>Polarization</b>	Vertical
<b>Vertical Beam Width</b>	40°
<b>Horizontal Beam Width</b>	360°
<b>Weight</b>	0.5 lbs. (230 g)
<b>Length</b>	10.2 in. (259 mm)
<b>Base Diameter</b>	1.1 in. (28 mm)
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Mounting</b>	Magnetic Base
<b>RoHS Compliant</b>	Yes

**RF Antenna Gain Pattern**



**Warranty**

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