

## HyperLink Wireless brand 2.4 GHz 4 dBi Hi-Performance Omni “Range Extender” Antenna with Magnetic Base - Model: RE04U

### Applications

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g and 802.11n Wireless LAN
- Mobile and vehicle mount wireless applications
- WiFi Access Points
- Multipoint applications

### Features

- High Performance in a compact lightweight design
- Durable UV-Stable fiberglass radome
- All weather operation
- Heavy duty magnetic base with 4 ft. low-loss 195-series cable
- Various connector options available



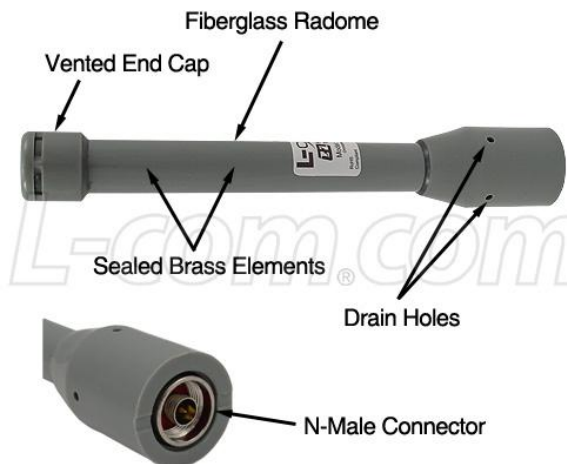
### Description

The HyperLink brand model RE04U is an economical yet high performance Omni-directional antenna and magnetic base designed for the 2.4 GHz ISM band. This compact and lightweight antenna is ideally suited for IEEE 802.11b, 802.11g and 802.11n wireless LANs, Bluetooth, public wireless hotspot application and other multipoint applications where wide coverage is desired.

The RE04U features sealed collinear brass elements inside a durable UV-stable machine gray fiberglass radome. A vented end cap and drain holes in the base help prevent moisture build-up inside the antenna. These features allow the RE04U to be mounted in up or down positions.

### Range Extender

The RE04U is designed to connect directly to a wireless Ethernet adapter, access point or any other type of wireless device with an open antenna connection. This allows replacement of the stock antenna that is shipped with the wireless device and in most cases increases the range and performance. The RE04U features a magnetic base suitable for tabletop or mobile use. Constructed with a heavy-duty magnet to ensure positive mounting, this mount is ideal when portability of the antenna is required. The base features 4 ft of low-loss 195 series cable terminated with the appropriate radio connector, eliminating the need for a separate radio pigtail adapter. Both the antenna and base can also be purchased separately.



## Specifications

### Electrical Specifications

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	4 dBi
<b>Polarization</b>	Vertical
<b>Vertical Beam Width</b>	30°
<b>Horizontal Beam Width</b>	360°
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	100 Watts
<b>VSWR</b>	< 1.5:1 avg.

### Mechanical Specifications

<b>Weight</b>	0.93 lbs. (0.421 kg) – Antenna and base
<b>Overall Length</b>	9.4 in. (238mm)
<b>Magnetic Base Diameter</b>	3.5 in. (89mm)
<b>Radome Diameter</b>	0.75 in. (19mm)
<b>Mounting</b>	Magnetic
<b>Antenna Connector</b>	N-Male
<b>Cable Length</b>	4 ft.
<b>Operating Temperature</b>	-40°C to 85°C (-40°F to 185°F)
<b>RoHS Compliant</b>	Yes

### RF Antenna Patterns

