

## HyperLink Wireless brand HyperGain® 2.4 GHz 8 dBi Round Range Extender Antenna - Model: RE08P

### Applications and Features

- Applications:**
- 2.4 GHz ISM Band
  - IEEE 802.11b, 802.11g and 802.11n (Pre-N, Draft-N, MIMO)
  - Bluetooth®, Public Wireless Hotspot
  - WiFi
  - Wireless Video Systems

- Features:**
- Compact size, looks like a smoke detector
  - Durable UV-stable, UL flame rated radome
  - Low loss solid brass element
  - Cable can be hidden when mounting
  - 4 foot coax lead



### Description

#### Looks like a Smoke Detector!

This very compact round WiFi patch antenna provides 8 dBi gain with very broad coverage. It is suitable for both indoor and outdoor applications in the 2.4GHz ISM band, including IEEE 802.11b, 802.11g and 802.11n, Bluetooth® and public wireless hotspot applications. This antenna is lightweight and features an aesthetic UV-stable, UL flame rated white plastic radome which can also be painted to match the room or building structure. The RE08P can be installed for horizontal or vertical polarization.

The RE08P can be mounted flat against the wall or ceiling. Its unique design allows the cable to exit out of the side or from the back of the unit which is ideal for mounting in locations that require the cable to be hidden.



### Specifications

#### Electrical Specifications

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	8 dBi
<b>Horizontal Beam Width</b>	75 degrees
<b>Vertical Beam Width</b>	65 degrees
<b>Impedance</b>	50 Ohm
<b>Max. Input Power</b>	25 Watts
<b>VSWR</b>	< 1.5:1 avg.
<b>Lightning Protection</b>	DC Short

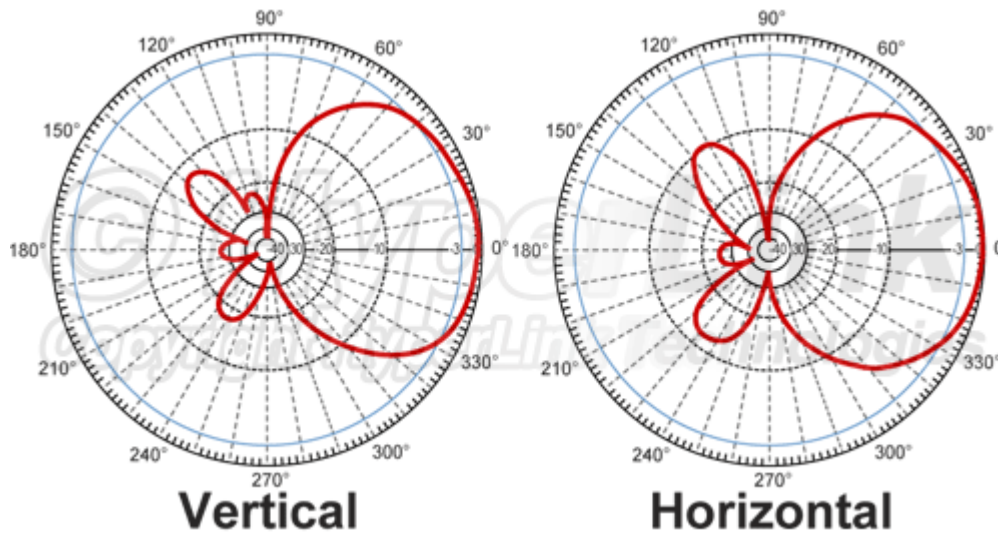
**Mechanical Specifications**

<b>Weight</b>	0.3 lbs. (.13 Kg)
<b>Dimensions</b>	4" (102 mm) Dia x 1" (25 mm)
<b>Radome Material</b>	UV-inhibited Polymer
<b>Flame Rating</b>	UL 94HB
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Mounting</b>	Four ¼ in. (6.3 mm) Holes
<b>Polarization</b>	Horizontal or Vertical
<b>Wind Survival</b>	>150 MPH (241 KPH)
<b>RoHS Compliant</b>	Yes

**Wind Loading Data**

<b>Wind Speed (MPH)</b>	<b>Loading</b>
100	3 lb.
125	4 lb.

**Antenna Gain Patterns**



**Guaranteed Quality**

This product is designed and manufactured by HyperLink Technologies in the U.S.A. and is backed by Hyperlink's Limited Warranty.