

## 2.4 GHz 14 dBi Backfire Wireless LAN Antenna Model: HG2414D



### **Applications and Features**

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**Applications:**

- 2.4 GHz ISM Band
- IEEE 802.11b and 802.11g Wireless LAN
- WiFi Systems
- Directional Applications
- CPE Applications
- Point to Multi-point Systems
- Wireless Bridges
- Backhaul Applications

**Features:**

- Superior performance
- Compact size and low profile
- All weather operation
- Tilt and Swivel Mast or Wall mounting
- Integral N-Female connector

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**Description**

The HyperGain® HG2414D "Backfire" is a compact high performance Wi-Fi reflector antenna. It is ideally suited for IEEE 802.11b and 802.11g wireless LANs and other systems operating in the 2.4GHz ISM band and CPE (Customer Premise Equipment) applications where directional coverage is desired. These antennas feature a tilt and swivel mount for wall or mast mounting. The reflector design minimizes interference.

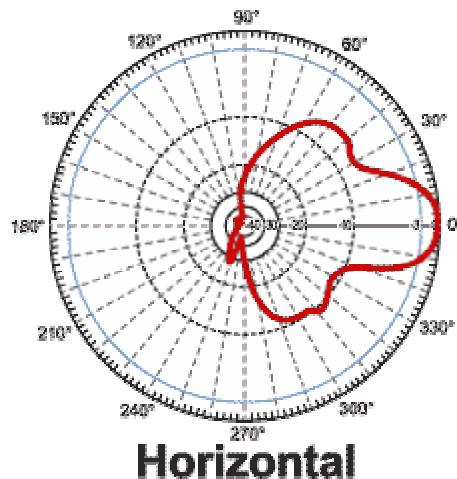
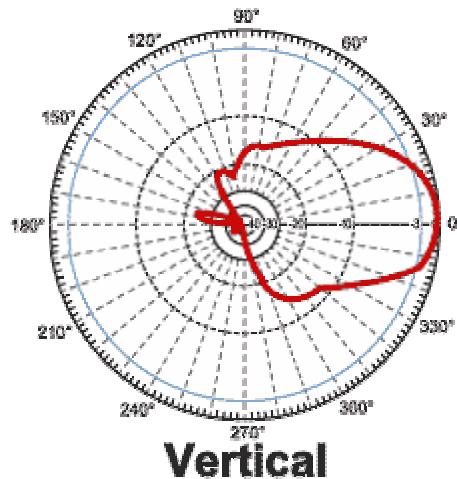
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**Specifications****Electrical Specifications**

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	14 dBi
<b>Horizontal Beam Width</b>	25 degrees
<b>Vertical Beam Width</b>	25 degrees
<b>Front to Back Ratio</b>	>30dB
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 1.5:1 avg.
<b>Maximum Input Power</b>	50 Watts

**Mechanical Specifications**

<b>Weight</b>	< 3.0 lbs. (1.4 Kg)
<b>Diameter</b>	10.25" (260mm)
<b>Radome Material</b>	Aluminum
<b>Mast Diameter</b>	2.0" (50mm) max.
<b>Polarization</b>	Horizontal or Vertical
<b>Wind Survival</b>	>150 MPH
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Connector</b>	N-Female

**RF Antenna Gain Patterns**

**Guaranteed Quality**

This product is backed by Hyperlink's Limited Warranty