

HyperLink Wireless brand 2.4 GHz 4 dBi Hi-Performance Omnidirectional Antenna Model: HG2404U

Applications

- 2.4 GHz ISM Band
- IEEE 802.11b, 802.11g and 802.11n Wireless LAN
- Public wireless hotspots
- WiFi Access Points
- Multipoint and mobile applications

Features

- High Performance in a compact lightweight design
- Durable UV-Stable fiberglass radome
- All weather operation
- Integral N-Male connector
- Optional magnetic mounts available



Description

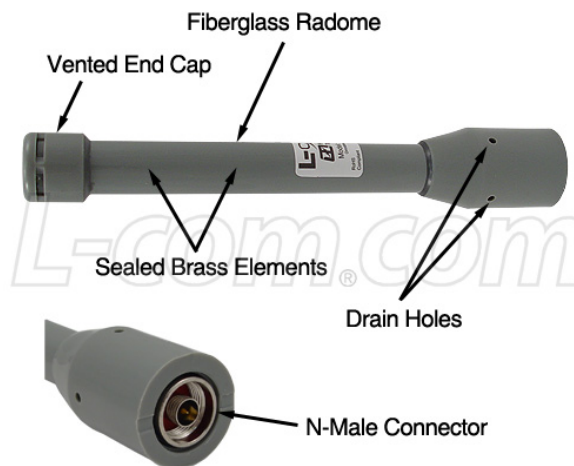
High Performance

The HyperLink brand model HG2404U is an economical yet high performance omnidirectional antenna 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.

All Weather Operation

Constructed for all weather operation, the HG2404U 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 HG2404U to be mounted in up or down positions.

The HG2404U features an integral N-Male connector. This allows it to be mounted to various types of N-Female Bulkhead connectors and adapters as well as N-Female type magnetic mounts which are available separately or in kits with the HG2404U antenna.



Specifications

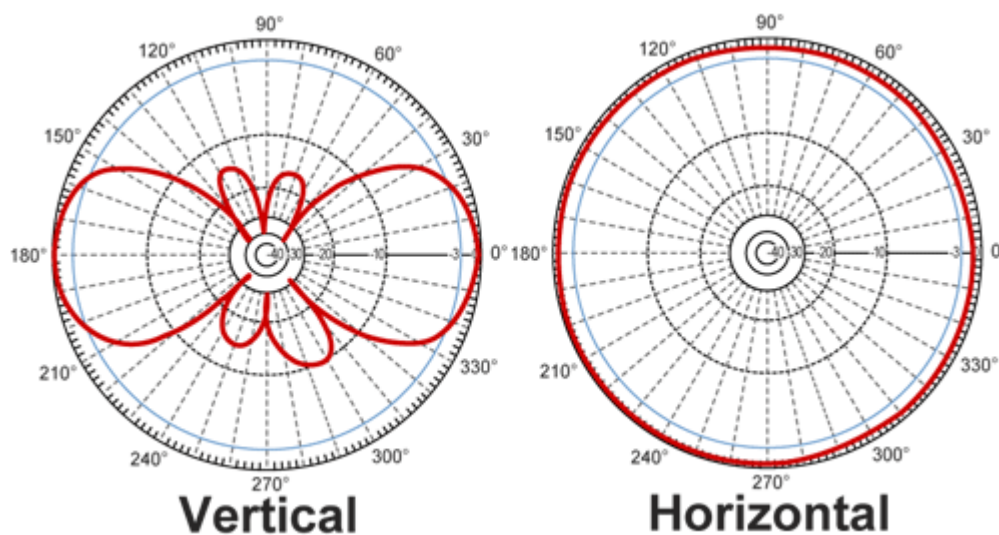
Electrical Specifications

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


Mechanical Specifications

| | |
|-----------------------|--------------------------------|
| Weight | 0.23 lbs. (0.104 kg) |
| Length | 7.9 in. (200mm) |
| Base Diameter | 1.2 in. (31mm) |
| Radome Diameter | 0.75 in. (19mm) |
| Wind Survival | > 150 MPH |
| Operating Temperature | -40°C to 85°C (-40°F to 185°F) |
| Connector | N-Male |
| RoHS Compliant | Yes |

RF Antenna Patterns



Optional Magnetic Mount

| Part #HMA3-xxxA10 | Description |
|---|--|
|  | <p>The HMA3-Series magnetic mounts are constructed with a heavy-duty magnet to ensure positive mounting and 10 feet of high performance low-loss 195 Series cable. This mount is available in various connector configurations. See www.L-com.com for available models.</p> |