

## HyperLink Wireless brand 2.4 GHz 4 dBi Hi-Performance Omni Antenna w/Magnetic Base - Model: HG2404MGU

### 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 10 ft. low-loss 195-series cable
- Various connector options available



### Description

#### High Performance

The HyperLink brand model HG2404MGU 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.

#### All Weather Operation

Constructed for all weather operation, the HG2404MGU 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 HG2404MGU to be mounted in up or down positions.

The HG2404MGU 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 a 10 ft low-loss 195 series cable terminated with the appropriate connector. Both the antenna and base can also be purchased separately.



## 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	0.93 lbs. (0.421 kg) – Antenna and base
Overall Length	9.4 in. (238mm)
Magnetic Base Diameter	3.5 in. (89mm)
Radome Diameter	0.75 in. (19mm)
Mounting	Magnetic
Antenna Connector	N-Male
Cable Length	10 ft.
Operating Temperature	-40°C to 85°C (-40°F to 185°F)
RoHS Compliant	Yes

### RF Antenna Patterns

