

## 2.4 GHz Flex Spring Flex Base 2.4 GHz 7.4 dBi Mobile Omni-directional Elevated Feed Antenna - Model: HG2408UR-NM

### Applications and Features

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- Applications:**
- 2.4 GHz ISM Band
  - IEEE 802.11b and 802.11g Wireless LAN
  - Military Applications
  - WiFi
  - Wireless Video Systems
  - Multipoint and Mobile Applications

- Features:**
- Superior Performance in Rugged Environments
  - Compact Size with Elevated Feed
  - Built-in Shock Spring Flexible Base
  - Weatherproof Indoor or Outdoor Use
  - N-Male Mounting
  - Fixed and Magnetic Mounts Available



### Description

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#### High Performance

The HyperGain® HG2408UR-NM is a high performance Omni-directional elevated feed antenna designed for the 2.4 GHz ISM band. Measuring 17.5" long, this antenna features an aesthetic black finish. It features a built-in shock spring and is designed with a standard N-Male connector that allows for ease of installation to similar N-Female mounting systems (mobile and fixed mounts). This antenna features a co-linear stacked design with an elevated feed point. This allows the antenna to operate using a very small ground plane.

#### Applications

This compact and lightweight antenna is ideally suited for IEEE 802.11b and 802.11g wireless LANs, public wireless hotspots, Military installations and other multipoint and mobile applications where high gain and wide coverage is desired. The spring joint offers flexibility in rugged applications.



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**Specifications**

**Electrical Specifications**

<b>Frequency Range</b>	2400-2500 MHz
<b>Gain</b>	7.4 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2.0:1 avg.
<b>Power Rating</b>	50 Watts

**Mechanical Specifications**

<b>Weight</b>	0.36 lbs. (0.16 kg)
<b>Length</b>	17.5" (368 mm)
<b>Finish</b>	Black UV Stabilized Fiberglass
<b>Connector</b>	N-Male
<b>Polarization</b>	Vertical
<b>Radiator</b>	Stainless Steel
<b>Base</b>	Powder Coated Brass

**Antenna Pattern**

**Elevation pattern at:**

**2400MHz**

**2425MHz**

**2450MHz**

**2475MHz**

**2500MHz**

