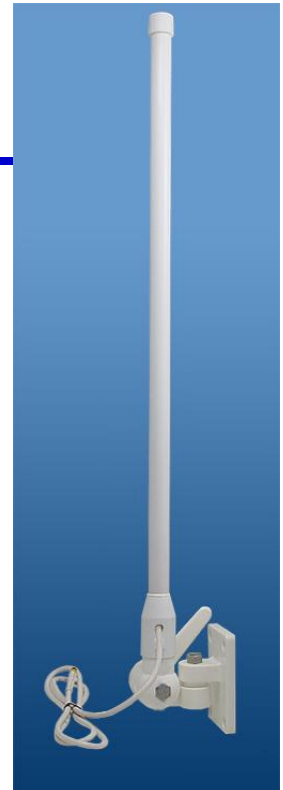


## HyperLink 2.4 GHz 8.5 dBi Omnidirectional Wireless LAN Marine Antenna Model: HG2409UM

### Features

- Applications:**
- 2.4 GHz ISM Band
  - IEEE 802.11b, 802.11g and 802.11n Wireless LAN
  - Bluetooth®
  - WiFi
  - Multipoint applications
  - Marine, RV and Campground Public Wireless Hotspots
  - Can be used on Boats, RV's and Campers
- Features:**
- Superior performance
  - Compact, lightweight design
  - Durable UV-stable fiberglass radome
  - Sealed end cap and drain holes in base
  - All weather operation
  - Mounts to standard 1"-14 thread marine antenna mounts
  - Features side-fed 3' coax lead with Reverse Polarity SMA-Plug connector
  - Optional Marine Mount available



Shown on Optional Marine Antenna Mount

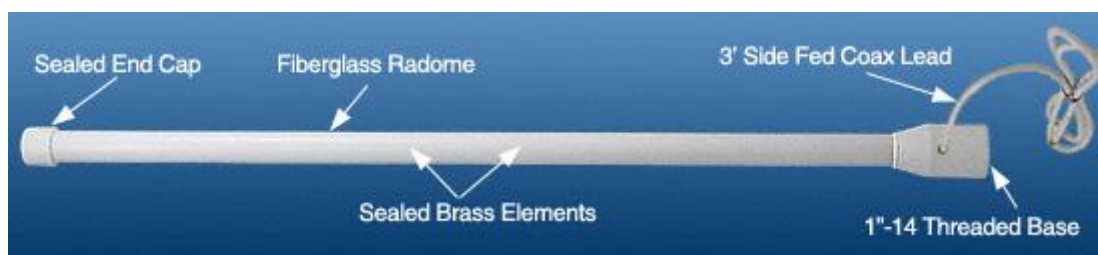
### Description

#### High Performance

The HyperGain® HG2409UM-RSP is a high performance omnidirectional WiFi 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, public wireless hotspots, Bluetooth® and other multipoint applications where high gain and wide coverage is desired. Designed for marine applications, this antenna features a 3' side-fed coax lead with a reverse-polarity SMA Plug connector. Optional extension/adapters cables are also available. The 1"-14 threaded base of this antenna allows it to be used with standard 1"-14 thread marine antenna mounts.

#### All Weather Operation

Constructed for all weather operation, the HG2409UM-RSP features sealed collinear brass elements inside a durable UV-stable machine white fiberglass radome. A sealed end cap and drain holes in the base help prevent moisture build-up inside the antenna.



**Specifications**

**Electrical Specifications**

<b>Frequency</b>	2400-2500 MHz
<b>Gain</b>	8.5 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2.0:1 avg.
<b>Maximum Input Power</b>	100 W

**Mechanical Specifications**

<b>Radome Color</b>	White
<b>Polarization</b>	Vertical
<b>Vertical Beam Width</b>	15°
<b>Horizontal Beam Width</b>	360°
<b>Weight</b>	0.5 lbs. (.22 kg)
<b>Length</b>	21 in. (533 mm)
<b>Base Diameter</b>	1.27 in. (3.22 cm)
<b>Radome Diameter</b>	.75 in. (1.90 cm)
<b>Radome Material</b>	Fiberglass
<b>Wind Survival</b>	>150 MPH
<b>Operating Temperature</b>	-40° C to 85° C (-40° F to 185° F)
<b>Mounting</b>	1"-14 Thread
<b>Antenna Connector</b>	3 ft coax lead w/ RP-SMA Plug

**Antenna Gain Pattern**

