

## HyperLink brand 2.4 GHz / 900 MHz Dual Band 3 dBi Mobile Omnidirectional Wireless LAN Antenna - Model: HG2403U-NMO

### Applications and Features

- Applications:**
- 802.11b, 802.11g and Bluetooth® compatible (2.4 GHz Band)
  - ISM, GSM, RFID, 900 MHz Cellular compatible (900 MHz Band)
  - 2.4 GHz and 900 MHz Wireless Video Systems

- Features:**
- Superior performance
  - Compact size
  - Can be used with 2.4 GHz and 900 MHz systems
  - TAD/NMO mounting system
  - Weather-Proof
  - RoHS Compliant
  - Fixed mounts available



### Description

#### Superior Performance

This very compact mobile-mount dual band omni antenna is designed to operate in 2.4 GHz or 900 MHz bands and provides broad coverage and 3 dBi gain. The Dual-Band design of this antenna eliminates the need to purchase different antennas for each frequency. In the 2.4 GHz ISM band, it is ideally suited for ISM, IEEE 802.11b and 802.11g wireless LANs, Bluetooth® and other WLAN applications where omni-directional coverage and low visibility are desired. In the 900 MHz band, this antenna is ideally suited for ISM, GSM and RFID applications as well as 900MHz wireless LAN and Cellular systems.

#### Applications

This RF antenna is only 2.7" long and features an aesthetic black finish. It is designed with a standard TAD/NMO Motorola-type connection that allows for ease of installation to similar TAD/NMO mounting systems. Because of its near-invisible design this antenna is ideal for use on vehicles where vandal-resistance and aesthetics are important.

### Specifications

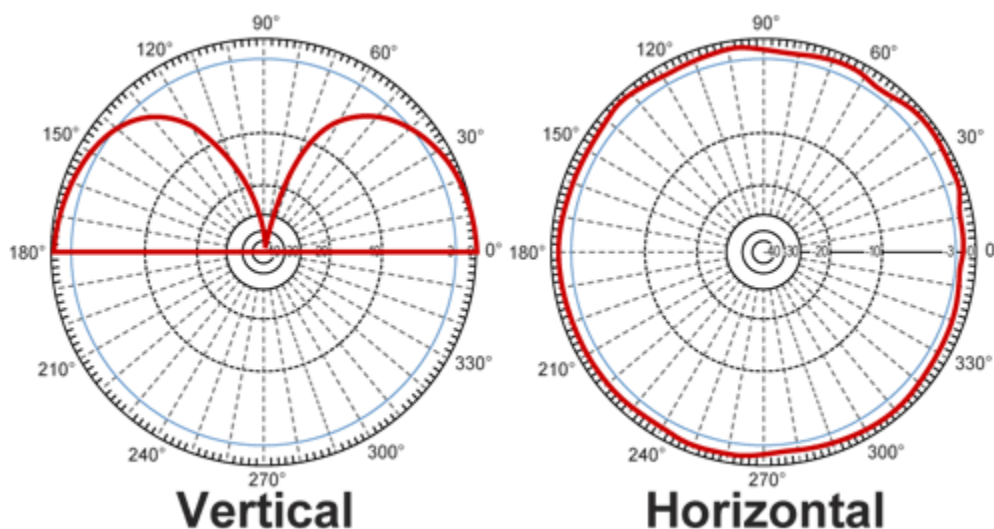
#### Electrical Specifications

<b>Frequency Ranges</b>	2400-2500 MHz 900-960 MHz
<b>Gain</b>	3 dBi
<b>Impedance</b>	50 Ohm
<b>VSWR</b>	< 2.0:1 avg.
<b>Maximum Input Power</b>	50 W

## Mechanical Specifications

<b>Weight</b>	< 0.25 lbs. (0.11 kg)
<b>Length</b>	2.7" (68.58 mm)
<b>Finish</b>	UV Black
<b>Mounting</b>	TAD/NMO
<b>Polarization</b>	Vertical
<b>Operating Temperature</b>	-40° C to to 85° C (-40° F to 185° F)
<b>Wind Survival</b>	>150 MPH
<b>RoHS Compliant</b>	Yes

## Antenna Gain Pattern



## Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty