

2.4 GHz to 2.5 GHz / 5.8 GHz 3.5/4 dBi Dual Band  
Omnidirectional Antenna - N Type Male Connector



## HGV-2458-03U-NM

### Features

- All weather operation
- Durable UV-Stable fiberglass radome with vented end cap and drain holes in base
- Mounts directly to the radio, access point or terminal
- Integral N-Male connector
- High Performance in a compact lightweight design

### Applications

- 2.4 GHz and 5.8 GHz wireless video systems
- 2.4/4.9/5.1/5.3/5.4/5.8 GHz Wireless LAN systems
- Homeland security and public safety services
- Ideal for Multi-Band radios (802.11a, 802.11b, 802.11g, 802.11n and 802.11ac)
- IEEE 802.11a/b/g/n and 802.11ac applications

### Description

The L-com brand HGV-2458-03U-NM is an economical, yet high performance dual band omnidirectional antenna designed for operation in the 2.4 GHz (2400 to 2500 MHz) and 4.9-5.8 GHz (4900 to 5850 MHz) band. Compact and lightweight, these 3 dBi omni antennas are ideally suited multipoint applications where wide coverage is desired.

The HGV-2458-03U-NM from L-com features omnidirectional patterns and an integral N Type Male connector that can mount directly to a radio or access point. A vented end cap and drain holes in the base help prevent moisture build-up inside the antenna. These features allow the antenna to be mounted in up or down positions.

This WLAN 2.4 GHz to 5.8 GHz 3 dBi omni antenna with Male Type N connector, as well as our wide selection of superior quality RF parts, ships same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other L-com products.

### Configuration

Design	Portable
Band Type	Single
Radiation Pattern	Omnidirectional
Polarization	Vertical
Connector Type	N Male
Lightning Protection	DC Short

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Input VSWR			2:1	
Impedance		50		Ohms
Horizontal (Azimuth) HPBW		Omnidirectional		
Vertical (Elevation) HPBW		20		Degrees
Input Power			50	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[2.4 GHz to 2.5 GHz / 5.8 GHz 3.5/4 dBi Dual Band Omnidirectional Antenna - N Type Male Connector HGV-2458-03U-NM](#)

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### Specifications by Band

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2,400-2,500	4,900-5,850				MHz
Gain	3.5	4				dBi
Horizontal HPBW	360					Degrees
Vertical HPBW	55					Degrees
Maximum Input Power	50					Watts

### Mechanical Specifications

Radome Material	Fiberglass
<b>Size</b>	
Base Diameter	1.27 in [32.26 mm]
Radome Diameter	0.75 in [19.05 mm]
Length	4.7 in [119.38 mm]
Width	0.75 in [19.05 mm]
Height	0.75 in [19.05 mm]
Mounting Mast Diameter	1.2 to 2 in [30.48 to 50.80 mm]
Weight	1.16 lbs [526.17 g]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 deg C

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

2.4 GHz to 2.5 GHz / 5.8 GHz 3.5/4 dBi Dual Band Omnidirectional Antenna - N Type Male Connector from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.