

824 MHz to 960 MHz 6 dBi Omnidirectional Antenna, N Type Male Connector



**HGV-906U-NM**

**Features**

- Integral N-Male Connector
- Lightweight fiberglass radome
- Superior all weather performance
- Durable mounting direct to the terminal, radio or access point
- Rugged industrial grade design

**Applications**

- 900 MHz ISM Band & Wireless LAN Systems
- Point to multipoint & Non Line of Sight (NLOS) applications
- RFID & SCADA
- 900 MHz Cellular and GSM
- LPWAN, LoRA, IoT, M2M Applications

**Description**

The L-com HGV-906U-NM is a high performance omnidirectional antenna designed for the 800 MHz / 900 MHz ISM band. It is ideally suited for multipoint, Non Line of Sight (NLOS) and mobile applications where high gain and wide coverage is desired. Typical applications of the omnidirectional HGV-906U-NM include 900 MHz Wireless LAN, SCADA, Wireless Video Links, LPWAN/IoT/M2M, and 800 MHz as well as 900 MHz Cellular band applications.

This 6 dBi omni antenna features an integral N Type Male connector that mounts directly to a radio or access point. This HGV-906U-NM antenna with omnidirectional patterns from L-com features a rugged 1.3” diameter white high intensity fiberglass radome for durability and aesthetics. It is designed for all weather operation.

This ISM 824 MHz to 960 MHz omnidirectional antenna with a Male N Type 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 Open

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	824		960	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		6		dBi
Horizontal (Azimuth) HPBW		Omnidirectional		
Vertical (Elevation) HPBW		33		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:  
[824 MHz to 960 MHz 6 dBi Omnidirectional Antenna, N Type Male Connector HGV-906U-NM](#)

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## HGV-906U-NM



### Mechanical Specifications

### Environmental Specifications

#### Temperature

Operating Range

-30 to +60 deg C

Wind Survivability

210 MPH [337.96 KPH]

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

### Plotted and Other Data

Notes:

824 MHz to 960 MHz 6 dBi 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 impliment 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.