

4.9 GHz to 5.8 GHz 6 dBi Omnidirectional Antenna - N Type Male Connector

HGV-4958-06U-NM



Features

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

Applications

- 4.9/5.1/5.3/5.4/5.8 GHz Wireless LAN Systems
- Homeland Security and Public Safety band
- IEE 802.11a Compatible
- Multipoint and mobile applications
- WiMAX and WiFi applications

Description

The L-com HGV-4958-06U-NM is an economical yet high performance 6 dBi omnidirectional antenna designed for broadband frequency operation from 4.9 GHz to 5.8 GHz. Compact and lightweight, these antennas are ideally suited for multipoint applications where wide coverage is desired.

The HGV-4958-06U-NM antenna from L-com features an integral N Type Male bulkhead connector that can mount directly to a radio. Constructed for all weather operation, this omni-directional 6 dBi antenna features sealed collinear brass elements inside a durable UV-stable machine gray fiberglass radome. A vented end cap and drain holes in the base help prevent moisture build-up inside the HGV-4958-06U-NM. These features allow the antenna to be mounted in up or down positions.

This WLAN 4.9 GHz to 5.8 GHz 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	Omni Directional
Polarization	Vertical
Connector Type	N Male
Lightning Protection	DC Ground

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	4.9		5.85	GHz
Input VSWR			1.8:1	
Impedance		50		Ohms
Gain		6		dBi
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:
[4.9 GHz to 5.8 GHz 6 dBi Omnidirectional Antenna - N Type Male Connector HGV-4958-06U-NM](#)

4.9 GHz to 5.8 GHz 6 dBi Omnidirectional Antenna - N Type Male Connector

HGV-4958-06U-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:

4.9 GHz to 5.8 GHz 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 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.