

6 dBi Omni Antenna 5,150-5,850 MHz N Type Connector



HG5158-06UP-NM

Features

- Durable UV-Stable Fiberglass Radome
- Industrial Grade Design for Harsh Environments
- Integral N-Male Connector
- Fully Sealed Brass Elements

Applications

- Point to Multipoint Applications
- 5.3 GHz, 5.4 GHz and 5.8 GHz Band Applications
- IEEE 802.11a, 802.11n, 802.11ac, 802.11ax Wireless LAN
- WiMAX, WISP and WiFi Compatible
- Wireless Video Systems

Description

The N-male HG5158-06UP-NM from L-com is an economical yet high performance omnidirectional antenna designed for the unlicensed 5 GHz band. This compact and lightweight antenna is ideally suited for IEEE 802.11a, 802.11n, 802.11ac, and 802.11ax wireless LANs, IoT, public safety and other multipoint applications where wide coverage is desired.

The L-com HG5158-06UP-NM is a lightweight yet rugged design for industrial and other harsh environments. This omnidirectional antenna features fully sealed brass elements inside a durable UV-stable fiberglass radome.

The HG5158-06UP-NM has a male N type which allows it be mounted to various types of N-Female Bulkhead connectors and adapters as well as N-Female type magnetic mounts.

This 5 GHz WiFi antenna, as well as our wide selection of superior quality RF parts, ship same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other L-com products.

Configuration

Design	Omni
Application Band	Unlicensed
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	N Male
Number of Ports	1

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	5.15		5.85	GHz
Input VSWR		1.3:1	1.5:1	
Impedance		50		Ohms
Gain		6		dBi
Gain Variation		±0.5		dBi
Horizontal (Azimuth) Beam Width		Omnidirectional		
Vertical (Elevation) Beam Width		28		Degrees

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[6 dBi Omni Antenna 5,150-5,850 MHz N Type Connector HG5158-06UP-NM](#)

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HG5158-06UP-NM

Input Power	100	Watts
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Mechanical Specifications

Radome Material	Black Fiberglass
Size	
Length	11.3 in [287.02 mm]
Width	0.8 in [20.32 mm]
Mounting Mast Diameter	1.2 to 2 in [30.48 to 50.80 mm]
Weight	0.3 lbs [136.08 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C
Storage Range	-40 to +185 deg C

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

Plotted and Other Data

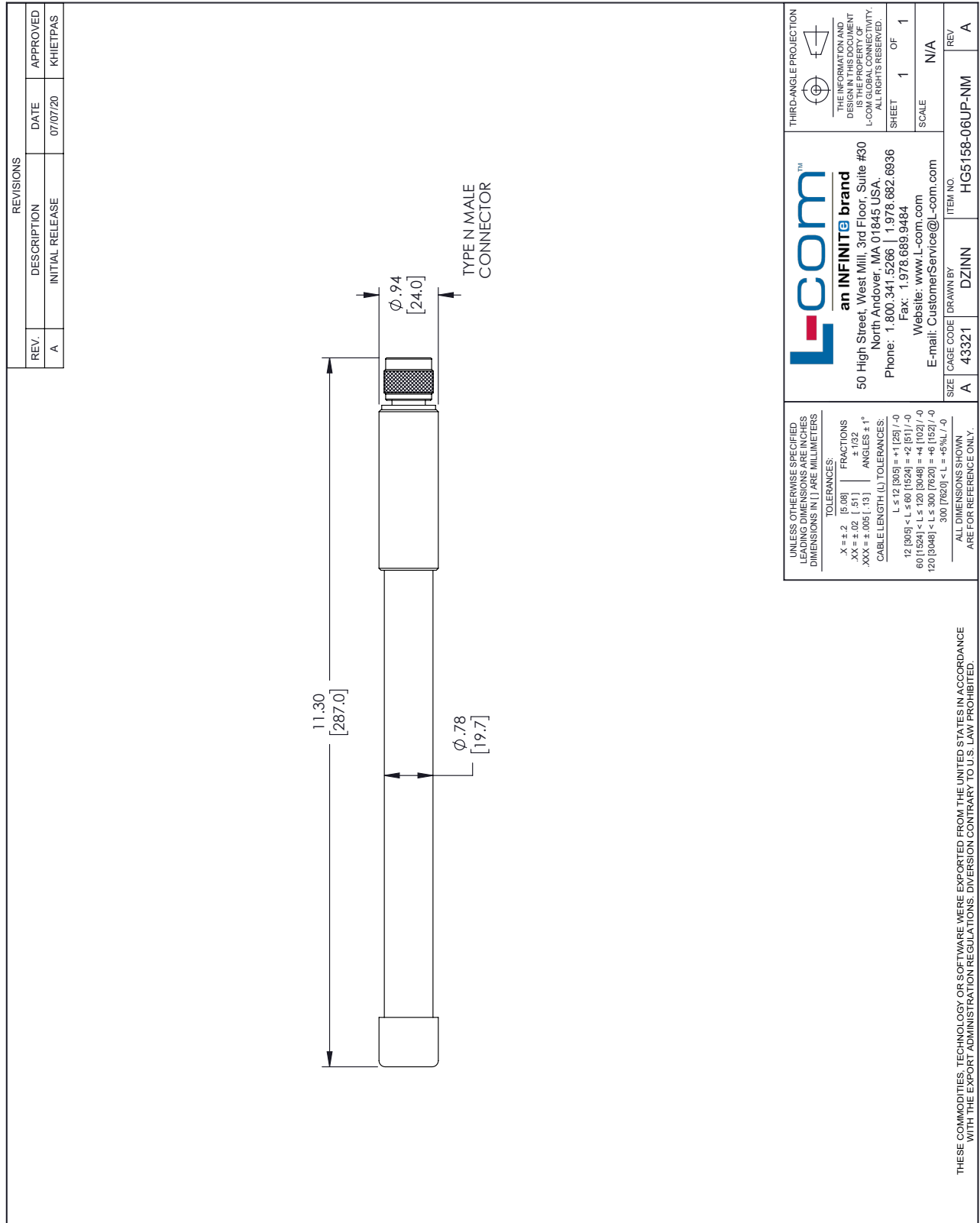
Notes:

6 dBi Omni Antenna 5,150-5,850 MHz N Type 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.

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L-com CAD Drawing



T-Rev.D