2.4 GHz-2.5 GHz / 4.9 GHz-7.2 GHz, 4/7 dBi WiFi 6e Stick Omnidirectional Outdoor Antenna - Type N Male Connector

HG2471-04U-NM

Features

- Type N Male Connector
- Outdoor Rated Omnidirectional Antenna
- 2.4 GHz, 5 GHz, 6 GHz WiFi Bands
- 4 dBi gain

Applications

- Infotainment systems, Routers, WiFi hotspots, HD video transmission, Gateways, Dash cameras, Public transportation
- WiFi 6e (802.11ax) networks
- Connected cars or self-driving cars, Fleet management, Logistics
- Public Safety Networks
- IoT, Industrial IoT, Zigbee, Bluetooth, WiFi

Description

The HG2471-04U-NM WiFi 6e Stick Omni Antenna from L-com is a high performance omnidirectional antenna designed for the 2400 MHz to 7125 MHz bands and is available to ship same day. It features a Type N Male connector, UV protection, omni-directional patterns for outdoor or indoor use. The HG2471-04U-NM is ideally suited for 802.11 protocols including 802.11ax as well as IoT, Zigbee and Bluetooth.

The L-com high performance omni HG2471-04U-NM is a rugged antenna providing broad coverage, low latency, increased network capacity and 4 dBi gain. This N Type Male omnidirectional antenna is suitable for commercial radios and access points in public and private networks that are equipped with N Female connectors. L-com's HG2471-04U-NM supports 2.4, 5 and 6 GHz bands.

This WiFi 6e HG2471-04U-NM omni antenna N Type Male connectors, 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	Omni
Band Type	Dual
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	N Male

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.4		7.25	GHz
Input VSWR			2:1	
Impedance		50		Ohms
Input Power			50	Watts

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Specifications by Band

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-2.5 GHz / 4.9 GHz-7.2 GHz, 4/7 dBi WiFi 6e Stick Omnidirectional Outdoor Antenna - Type N Male Connector HG2471-04U-NM

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Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2,400-2,500	4,900-7,250				MHz
Bandwidth	100	2350				MHz
Gain	4	7				dBi
Horizontal HPBW	360	360				Degrees
Vertical HPBW	30	18				Degrees

Mechanical Specifications

Radome Material	Fiberglass
Size	
Length	10.2 in [259.08 mm]
Width	1 in [25.4 mm]
Height	1 in [25.4 mm]
Weight	0.33 lbs [149.69 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C
Wind Survivability	124 MPH [199.56 KPH]
Humidity	5 to 95 %

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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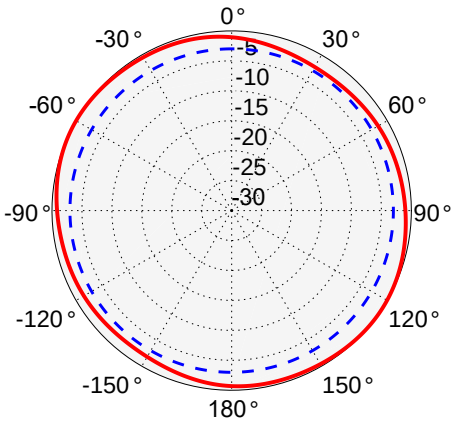
2.4 GHz-2.5 GHz / 4.9 GHz-7.2 GHz, 4/7 dBi WiFi 6e Stick Omnidirectional Outdoor Antenna - Type N Male Connector

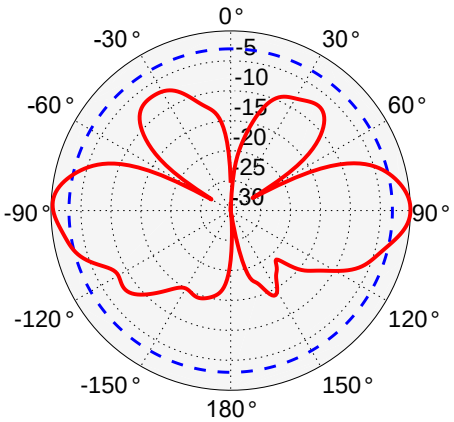
HG2471-04U-NM

Radiation Patterns at 2450 MHz

Azimuth



Elevation



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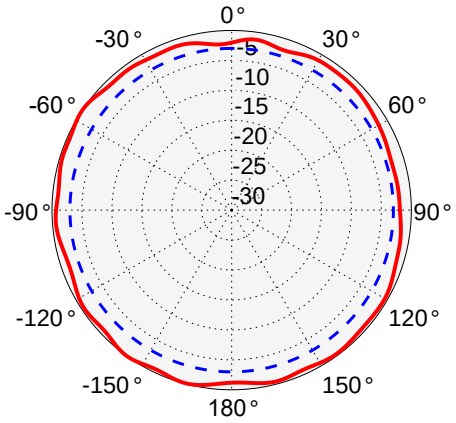
2.4 GHz-2.5 GHz / 4.9 GHz-7.2 GHz, 4/7 dBi WiFi 6e Stick Omnidirectional Outdoor Antenna - Type N Male Connector

HG2471-04U-NM

Radiation Patterns of 5850 MHz

Azimuth



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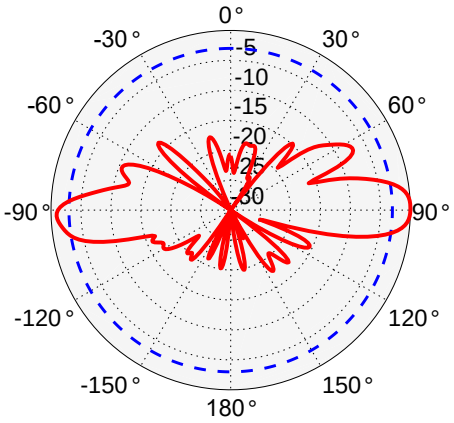

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2.4 GHz-2.5 GHz / 4.9 GHz-7.2 GHz, 4/7 dBi WiFi 6e Stick Omnidirectional Outdoor Antenna - Type N Male Connector

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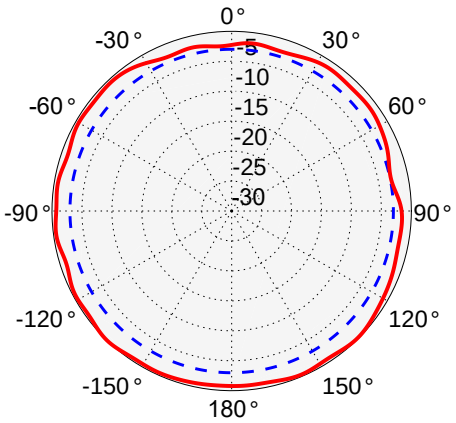
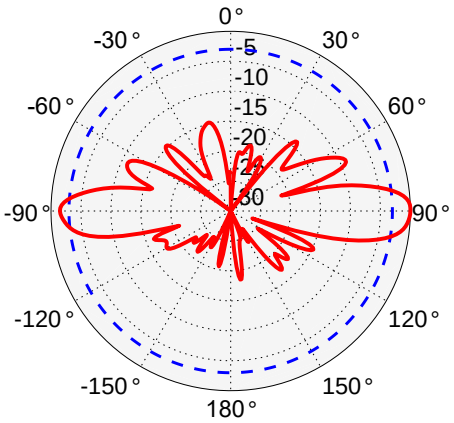
Radiation Patterns of 7125 MHz

Azimuth



Elevation



2.4 GHz-2.5 GHz / 4.9 GHz-7.2 GHz, 4/7 dBi WiFi 6e Stick Omnidirectional Outdoor Antenna - Type N 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.

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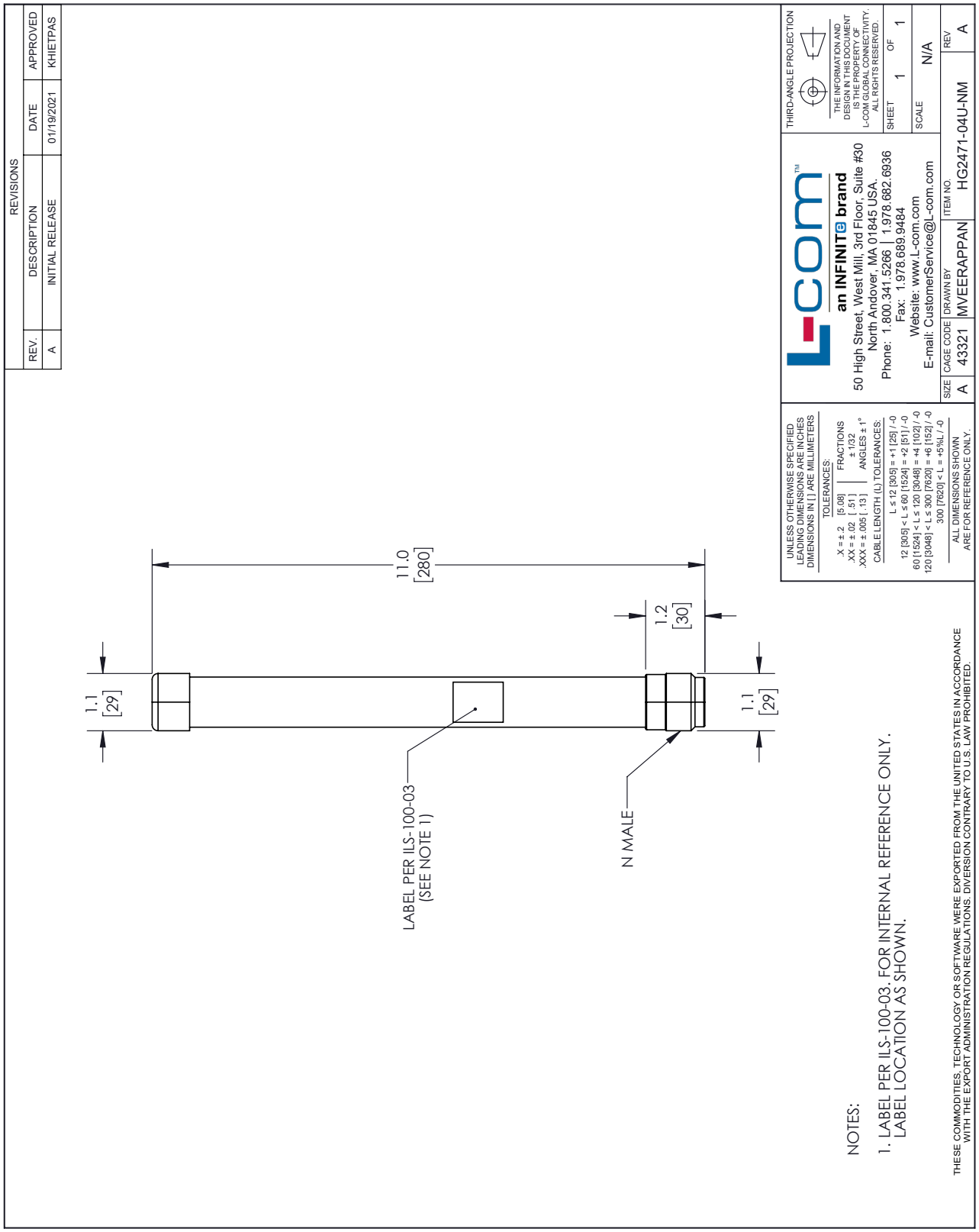
L-com CAD Drawing



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