

698-960 / 1710-2700 MHz 6/8 dBi Gain Omnidirectional Antenna - Type N Female Connector, PVC Radome



## HG72708U

### Features

- All weather operation
- Includes heavy duty steel mast mounting brackets
- PVC radome
- Integral N-Female connector
- Rugged industrial grade design
- 360° Omnidirectional Pattern

### Applications

- 700, 800, 900, 1800, 1900, 2100, 2400, 2600 Cellular Band Operation
- Supports midband LTE and 5G networks
- Point to Multipoint and Non Line of Sight (NLOS) Applications
- 6/8 dBi gain

### Description

The L-com HG72708U is a high performance LTE outdoor omnidirectional antenna specifically designed for cellular networks. L-com's HG72708U has 6 to 8 dBi gain and can be used to broadcast Cellular LTE signals. The HG72708U operates from 698 to 960 MHz and 1710 to 2700 MHz which is ideal for 5G, LTE, PCS, UMTS applications including LoRA, LTE-M, and NB-IOT. The Multi-Band design of the L-com HG72708U antenna eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of telecommunication applications where wide coverage is desired.

The HG72708U from L-com has omnidirectional patterns with vertical polarization and features Type N connectors. The Type N connectorized HG72708U antenna from L-com is designed specifically for outdoor operation and is ideal for point to multipoint use in large open areas such as base station installations or large campuses. The included mounting bracket and hardware makes this antenna very easy to install. This LTE outdoor omnidirectional antenna just like 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
Band Type	Single
Radiation Pattern	Directional
Polarization	Vertical
Connector Type	N Female
Number of Ports	2
Lightning Protection	DC Ground

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	698		2,700	MHz
Input VSWR		1.7:1		
Impedance		50		Ohms
Input Power			100	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[698-960, 1710-2700 6-8 dBi Omni Antenna, N Female, PVC radome HG72708U](#)

698-960 / 1710-2700 MHz 6/8 dBi Gain Omnidirectional  
Antenna - Type N Female Connector, PVC Radome



## HG72708U

### Mechanical Specifications

Radome Material	PVC
<b>Size</b>	
Length	27.56 in [700.02 mm]
Width	2.36 in [59.94 mm]
Height	2.36 in [59.94 mm]
Mounting Mast Diameter	1.18 to 2.36 in [29.97 to 59.94 mm]
Weight	2.65 lbs [1.2 kg]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +60 deg C
Wind Survivability	134.216 MPH [216 KPH]

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

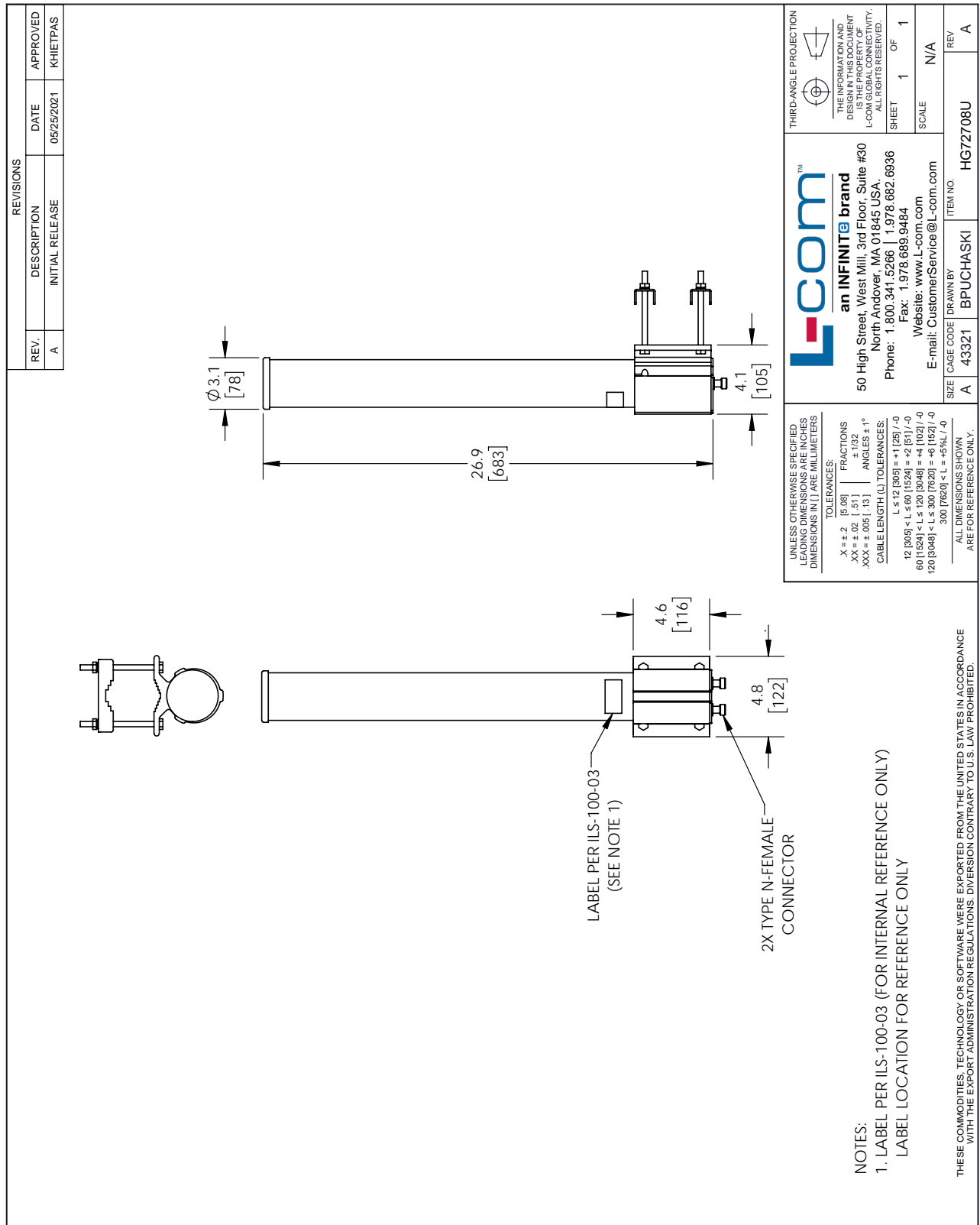
### Plotted and Other Data

Notes:

698-960 / 1710-2700 MHz 6/8 dBi Gain Omnidirectional Antenna - Type N Female Connector, PVC Radome 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.

L-com CAD Drawing



T-Rev.D