1710-2700 MHz 6 dBi Gain Omnidirectional PRO Series Antenna - Type N Female Connector, Fiberglass Radome

HG172706U-PRO

Features

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

Applications

- 1800, 1900, 2100, 2600 Cellular Band Operation
- Supports midband LTE and 5G networks
- Point to Multipoint and Non Line of Sight (NLOS) Applications

Description

The L-com HG172706U-PRO is a high performance LTE outdoor omnidirectional antenna specifically designed for cellular networks. L-coms HG172706U-PRO has 4 to 6 dBi gain and can be used to broadcast Cellular LTE signals. The HG172706U-PRO operates from 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 HG172706U-PRO 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 HG172706U-PRO from L-com has omnidirectional patterns with vertical polarization and features Type N connectors.The Type N connectorized HG172706U-PRO 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	Omni Directional
Polarization	Vertical
Connector Type	N Female
Number of Ports	1

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1,710		2,700	MHz
Input VSWR			2.3:1	
Impedance		50		Ohms
Gain		6		dBi
Input Power			50	Watts

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Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
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Mechanical Specifications

Radome Material	Fiberglass
Size	
Length	12.7 in [322.58 mm]
Width	1.6 in [40.64 mm]
Mounting Mast Diameter	1.18 to 2.36 in [29.97 to 59.94 mm]
Weight	3.3 lbs [1.5 kg]

Environmental Specifications

Temperature	
Operating Range	-40 to +70 deg C
Wind Survivability	124.27 MPH [199.99 KPH]
Humidity	91

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

1710-2700 MHz 6 dBi Gain Omnidirectional PRO Series Antenna - Type N Female Connector, Fiberglass 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.

L-com CAD Drawing