

# HyperLink Wireless Brand 698-960/1710-2700 MHz 3/4 dBi Omni DAS Antenna Model: HG72704U

## Applications

- DAS (Distributed Antenna Systems)
- 700 MHz and cellular applications
- AWS (Advanced wireless services) band applications
- PCS (Personal communications service) band applications
- LTE networks

#### **Features**

- Frequency coverage for 700 MHz, 850 MHz, AWS and PCS bands
- All weather operation
- Heavy duty steel mounting bracket
- Integral N-Female connector
- Compact design



## Description

The HyperLink HG72704U is a compact Omni-directional antenna specifically designed for DAS (Distributed Antenna Systems). This outdoor all weather antenna helps wireless carriers to quickly increase capacity as well as deploy new spectrum in zoning challenged locations. The HG72704U combines several different frequency bands to allow multi-user options. Applications for the HG72704U include:

- Densely populated urban areas
- Educational campuses
- Resorts and theme parks
- Parks and nature centers

#### **Rugged and Weatherproof**

This antenna's construction features a durable UV resistant ABS radome for durability and aesthetics. Its mounting system features a heavy-duty mounting bracket and U-Bolts for superior strength.

The bulkhead type connector also allows this antenna to be mounted to panels or bulkheads.





# Specifications

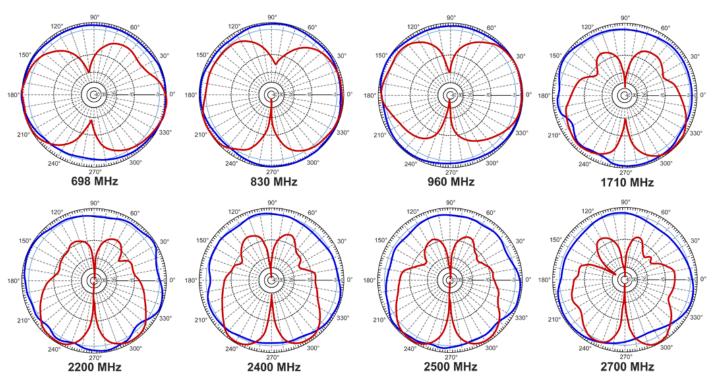
# **Electrical Specifications**

Frequency Range	698 – 960 MHz	1710 – 2700 MHz	
Gain	3 dBi	4 dBi	
Horizontal Beam Width	360°	360°	
Vertical Beam Width	75°	40°	
Polarization	Vertical	Vertical	
Impedance	50 Ohm	50 Ohm	
Max. Input Power	200 Watts	200 Watts	
VSWR	< 1.6	< 1.6	
Lightning Protection	DC Ground		

### **Mechanical Specifications**

Connector	Integral N-Female Bulkhead	
Weight	2.9 lbs (0.89 kg)	
Radome Height / Radome Diameter	4.0 in. (101mm) / 7.3 in. (186mm)	
Radome Material	UV Resistant ABS	
Radome Color	White	
Mounting Mast Size	1.4 - 2.0 in. (35 - 50mm)	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
RoHS Compliant	Yes	

## **RF Antenna Patterns**



L-com, Inc. 50 High St., West Mill, 3<sup>rd</sup> Floor, Suite #30 North Andover, MA 01845 www.L-com.com E-mail: sales@L-com.com Phone: 1-800-343-1455 Fax: 1-978-689-9484 © L-com, Inc. All Rights Reserved. L-com Global Connectivity and the L-com logo are registered marks.