

# HyperLink Wireless Brand 698-960/1710-2700 MHz Ceiling Mount DAS Antenna Model: HG72704CU

#### Applications

- DAS (Distributed Antenna Systems)
- 700 MHz and cellular applications
- AWS (Advanced wireless services) and PCS (Personal communications service) band applications
- LTE networks
- IEEE 802.11b/g applications

#### **Features**

- Frequency coverage for 700 MHz, 850 MHz, AWS and PCS bands
- Attractive unobtrusive radome design
- Easily mounts to ceiling tiles
- 12 inch coax lead





#### Description

The HyperLink Model HG72704CU is a high performance ceiling mount antenna specifically designed for DAS (Distributed Antenna Systems) which are used to distribute Cellular and WiFi signals throughout a building or

area. The Multi-Band design of this 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 in-building wireless applications where wide coverage is desired.

The aesthetically pleasing design of this antenna makes it ideal for use in almost any indoor environment. It can be easily mounted through a single 11/16" hole in a solid or suspended ceiling up to 1" thick. This antenna features a 12 inch coax lead terminated with either an N-Female, RP-TNC Plug or RP-SMA Plug connector. Special order connectors are also available.



HG72704CU-NF Shown

#### **Standard Models**

Model Number	Connector
HG72704CU-NF	N-Female
HG72704CU-RTP	Reverse Polarity TNC Plug
HG72704CU-RSP	Reverse Polarity SMA Plug



## Specifications

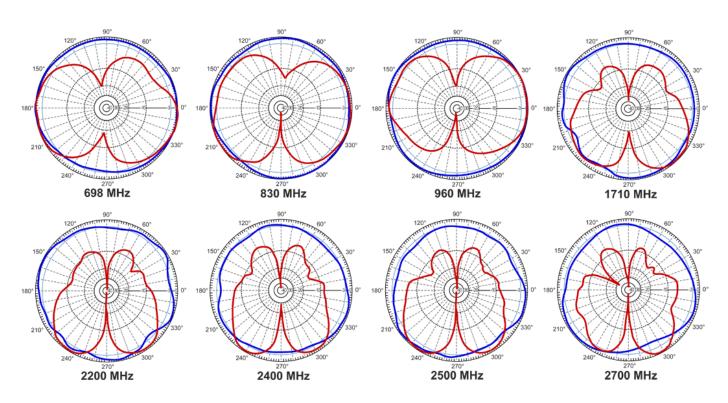
### **Electrical Specifications**

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

#### **Mechanical Specifications**

Cable Length	12 in. (300 mm)	
Weight	0.77 lbs. (.35 Kg)	
Dimensions	7.2 Dia. x 3.4 in. (184 Dia. x 85 mm)	
Radome Material	UV Resistant ABS	
Radome Color	White	
Operating Temperature	-40° C to 60° C (-40° F to 140° F)	
Mounting	.687" (17.4 mm) diameter hole	
RoHS Compliant	Yes	

#### **Antenna Gain Patterns**



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