

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°	
Vertical Beam Width	75°	40°
Polarization	Vertical	
Impedance	50 Ohm	
Max. Input Power	200 Watts	
VSWR	< 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

