

**DATA SHEET**

**21-OUFCA3S7-D1 | HIGH GAIN OMNI ANTENNA SISO**

**Frequency:** 698-806/806-960/1425-2700/3300-3800MHz | **Max Gain:** 7dBi | **Connector:** N Female | **PIM:** ≤-150dBc  
**Power:** 50W | **Usage:** Indoor



**OVERVIEW**

BRIDGE High Gain Omni ANT is designed for DAS/IBS system coverage to provides 360 degree beam radiation, meanwhile high gain design to increase signal strength in coverage a lot. It is compatible with various of 2G/3G/4G/5G spectrum allocation in different frequency system or re-farming cellular system.

Low PIM design is the technology to support data transmission in system coverage. Wide frequency technology support 698-3800Mhz.

Meanwhile, in terms of materials selection, Bridge products are all take good materials to keep a stable and long time working life in site.

**FEATURES**

- In-building cellular signal enhancement for standard frequency bands.
- Vertical Polarization
- Low PIM performance
- High gain design
- Connectors types are optional.
- Compact size and light weight making it easy to install

**TECHNICAL DATA**

Electrical Specifications			
Frequency Range(MHz)	698-960	1425-2700	3300-3800
Gain	4.5±0.5dBi	7±0.5dBi	7±0.5dBi
VSWR	≤1.8:1	≤1.5:1	≤1.6:1
Polarization	Vertical		
Beamwidth- H	360°		
Beamwidth- V	60°±5°	30°±5°	28°±5°
PIM:IM3(@2x43dBm)	≤150dBc		
Power Rating	50W		
Impedance	50Ω		

Mechanical Specifications	
Connectors	N Female,Bottom
Dimensions	Ø360 x 120mm
Weight	0.95kg
Radome Color	White
Radome Material	ABS (UV Stabilized)
Lightning Protection	DC Ground
Mounting	Ceiling
Accessories	Screws, Washers, Nuts

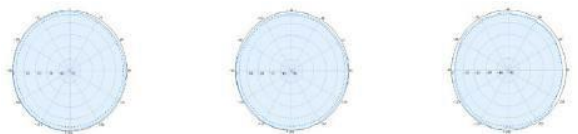
Environmental Specifications	
Temperature	-40 to +65°C
IP Rating	IP40, Indoor

**Product**



**Radiation Diagram**

**Horizontal Plane Pattern**

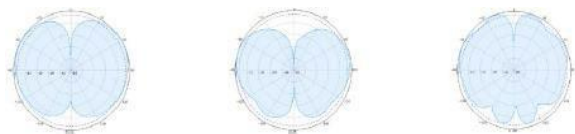


**700-900MHz**

**1425-2690MHz**

**3300-3950MHz**

**Vertical Plane Pattern**



**700-900MHz**

**1425-2690MHz**

**3300-3950MHz**

Unit measurements in mm

*Disclaimer: All images are for reference purposes only*

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Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed.

Bridge Components holds the right to change the product specifications without notice.