

## DATASHEET

# 21-OUEAA3S4-D1 | OMNI ANTENNA SISO

Frequency: 698-2700MHz | Max Gain: 4dBi | Power : 50W | Connector: N Female | Usage: Indoor

## OVERVIEW

BRIDGE 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.

Wide frequency technology support 698-3800Mhz.

In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

## FEATURES

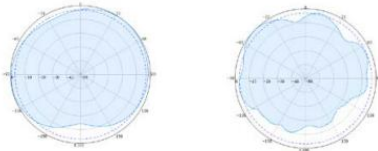
- In-building cellular signal enhancement for standard frequency bands
- Vertical Polarization
- Qualified PIM performance
- Low VSWR values
- Compact size and light weight making it easy to install

### Product

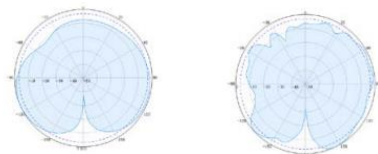


### Radiation Diagram

H-Plane



V-Plane



698-960MHz

1710-2700MHz

Unit measurements in mm

Disclaimer: All images are for reference purposes only

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.

## TECHNICAL DATA

### Electrical Specifications

Frequency Range (MHz)	698-960	1710-2700
Gain	2.0dBi	4.0dBi
VSWR	≤1.8	≤1.5
Polarization	Vertical	
Beamwidth- H	360°	
Beamwidth- V	95°	55°
PIM:IM3	≤-150dBc	
Power Rating	50W	
Impedance	50 Ω	

### Mechanical Specifications

Connectors	N Female
Dimensions	Ø204 x 129mm
Weight	0.3Kg
Radome Color	White
Radome Material	UV-Resistance ABS
Accessories	Screws, washers, nuts

### Environmental Specifications

Temperature	-40 to +65°C
Lightning Protection	DC Ground
IP Rating	IP40, Indoor

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