

## DATA SHEET

# 21-OUCGX3F4-D1 | OMNI ANTENNA MIMO 4X4

Frequency: 600-4200MHz | Max Gain: 4dBi | Pol: V-pol | Connector: 4 x 4.3-10 / N Female | PIM:-150dBc

Power : 50W | 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.

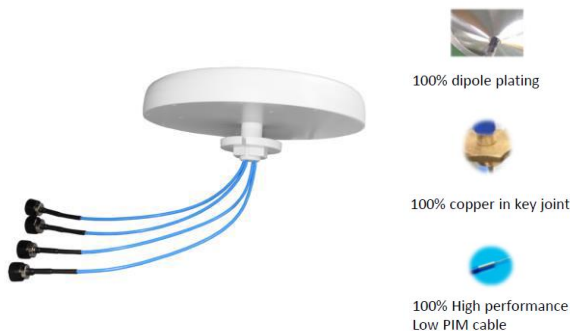
Low PIM design is the technology to support data transmission in system coverage. Wide frequency technology support 600-4200MHz.

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

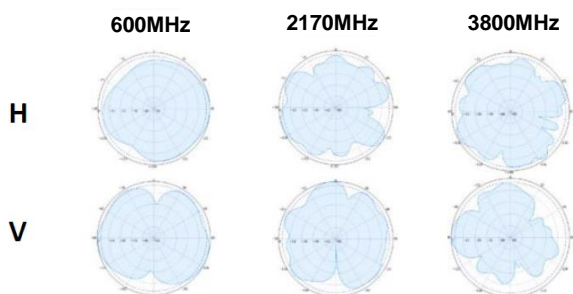
## FEATURES

- In-building cellular signal enhancement for standard frequency bands.
- 4x4 MIMO
- High gain design.
- Connectors types are optional.
- Compact size and light weight making it easy to install.

### Product



### Radiation Diagram



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

### Part Number

Connector Type	PN
4 x N Female	21-OUCGA3F4-D1
4 x 4.3-10 Female	21-OUCGE3F4-D1

### Electrical Specifications

Frequency Range(MHz)	600-698	698-960	1425-2700	3300-4200
Gain	2.5	3.5	4.0	4.0
VSWR	≤2.5	≤2.0	≤2.0	≤2.0
Isolation	≥12	≥15	≥20	≥22
Polarization	Horizontal+Vertical			
Beamwidth- H	360°			
Beamwidth- V	110°	90°	46°	35°
PIM:IM3	≤-150dBc			
Power Rating	50W			
Impedance	50Ω			

### Mechanical Specifications

Dimensions	Ø320 x 50mm
Weight	1.0kg
Radome Color	White
Radome Material	ABS (UV Stabilized)
Lightning Protection	DC Ground
Installation Method	Ceiling Mounting

### Environmental Specifications

Temperature	-40 to +65°C
Humidity	≤95%
IP Rating	IP40, Indoor

Revised | A.1.1