

## DATA SHEET

# 21-OUFCX3F5-D1 | OMNI ANTENNA MIMO 4X4

**Frequency:** 698-960/1710-2700/3300-3800MHz | **Gain:** 3.5/4.0/4.5dBi | **Power :** 50W | **Pol:** 4 x V-pol

**Connector:** 4.3-10 / N Female | **PIM:-**150dBc | **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.

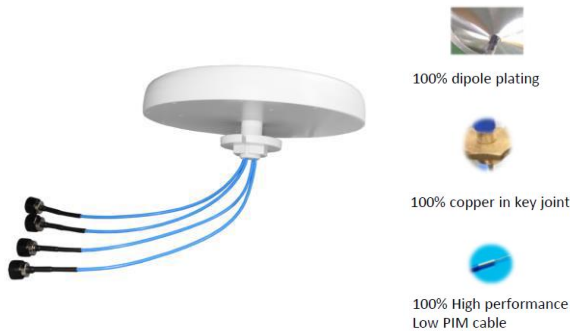
Low PIM design is the technology to support data transmission in system coverage. Wide frequency technology support 698-3800Mhz.

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.

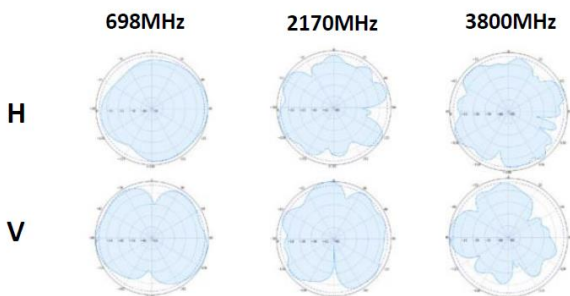
## FEATURES

- 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-OUFCA3F5-D1 |
| 4 x 4.3-10 Female | 21-OUFCE3F5-D1 |

### Electrical Specifications

|                      |                               |           |           |
|----------------------|-------------------------------|-----------|-----------|
| Frequency Range(MHz) | 698-960                       | 1710-2700 | 3300-3800 |
| Gain                 | 3.5dBi                        | 4.0dBi    | 4.5dBi    |
| VSWR                 | ≤2.0                          |           |           |
| Polarization         | Liner H / V for each radiator |           |           |
| Beamwidth- H         | 360°                          |           |           |
| Beamwidth- V         | 90°                           | 46°       | 38°       |
| Isolation            | ≥15dB                         | ≥20dB     | ≥22dB     |
| PIM:IM3              | ≤-150dBc (800-3800MHz)        |           |           |
| 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           |

### Environmental Specifications

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