

DATA SHEET

21-OUFCA3S-E4

OMNI ANTENNA SISO(THIN)

Frequency: 698-3800MHz

Gain: 2/4 dBi

IM3: ≤-150dBc

Power Rating:50W

Usage: Indoor

Connector: N-Female

OVERVIEW

BRIDGE DAS INDOOR SISO OMNI ANTENNAS are designed for DAS/IBS system coverage. They provide high gain 360 degree beam radiation. The antennas are compatible with 2G/3G/4G/5G spectrum allocations in different frequency systems. High quality materials are used in the manufacturing process which allows the antennas to have a long working life and consistent performance.

KEY FEATURES

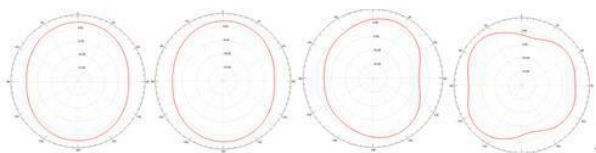
- N, Din 4.3-10 connectors, available upon request
- High gain design
- Qualified low PIM performance
- Compact and easy to install

Product Pictures

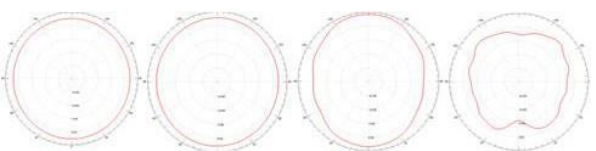


Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



740 MHz

880MHz

1710MHz

2600MHz

TECHNICAL DATA

Electrical Specifications

| Frequency Range (MHz) | 698-806 | 806-960 | 1710-2700 | 3300-3800 |
|-----------------------|------------|---------|-----------|-----------|
| Gain (dBi) | 2 | 2 | 4 | 4 |
| VSWR | ≤1.8 | ≤1.5 | ≤1.5 | ≤1.5 |
| Polarization | Horizontal | | | |
| Beamwidth- H | TBD | | | |
| Beamwidth- V | TBD | | | |
| Power Rating | 50W | | | |
| PIM : IM3 | ≤-150dBc | | | |
| Impedance | 50Ω | | | |

Mechanical Specifications

| | |
|-----------------|---------------|
| Connectors | N Female |
| Dimensions | Ø160 x 17.5mm |
| Weight | 0.2 kg |
| Radome Color | White |
| Radome Material | ABS |

Environmental Specifications

| | |
|----------------------|-------------|
| Temperature | -40°C~+55°C |
| Humidity | ≤95% |
| IP Rating | IP40 |
| Lightning Protection | DC Ground |

Installation Specifications

| | |
|---------------------|------------------|
| Installation Method | Ceiling Mounting |
| Accessories | N/A |

Disclaimer All images are for reference purposes only

Revised: | B.1.1

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.