

## DATA SHEET

# 21-OUCGA3F4-D1

# OMNI ANTENNA

**Frequency:** 600-4200MHz

**Gain:** 2.5/3.5/4/4dBi

**IM3:**  $\leq$ -150dBc

**Power Rating:** 50W

**Usage:** Indoor

**Connector:** 4 x N Female

## OVERVIEW

BRIDGE DAS INDOOR MIMO 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.

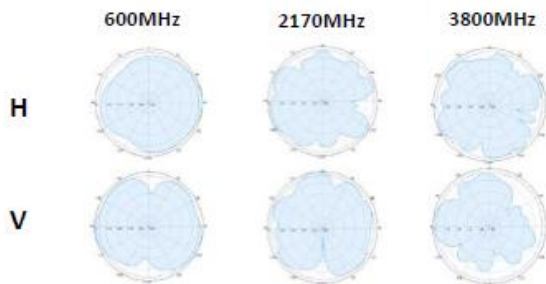
## KEY FEATURES

- 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



## TECHNICAL DATA

### Electrical Specifications

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

### Mechanical Specifications

Connectors	4 x N Female
Dimensions	$\varnothing$ 320 x 50mm
Weight	1.0Kg
Radome Color	White
Radome Material	ABS, UV Stabilized

### Environmental Specifications

Temperature	-40 to +65°C
Humidity	$\leq$ 95%
IP Rating	IP40
Lightning Protection	DC Ground

### Installation Specifications

Installation Method	Ceiling Mounting
Accessories	N/A