

## DATA SHEET

# 21-OUEAA3S4-D1

# OMNI ANTENNA

**Frequency:** 698-2700MHz

**Gain:** 2/4dBi

**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

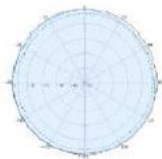
- N, Din 4.3-10 connectors, available upon request
- High gain design
- Qualified low PIM performance
- Compact and easy to install

### Product Pictures

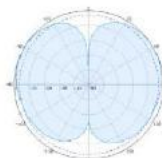


### Radiation Diagrams

Horizontal plane pattern

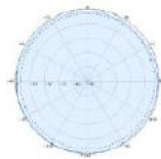


700-960MHz

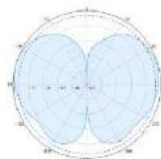


1690-2690MHz

Vertical plane pattern



700-960MHz



1690-2690MHz

## TECHNICAL DATA

### Electrical Specifications

Frequency Range (MHz)	698-960	1710-2700
Gain	2 dBi	4 dBi
VSWR	≤1.8	≤1.5
Polarization	Vertical	
Beamwidth- H	360°	
Beamwidth- V	90°	55°
Power Rating	50W	
PIM : IM3	≤-150dBc	
Impedance	50Ω	

### Mechanical Specifications

Connectors	N Female
Dimensions	Ø204 x 200mm
Weight	0.27 kg
Radome Color	White
Radome Material	ABS

### Environmental Specifications

Temperature	-40~+65°C
Humidity	≤95%
IP Rating	IP40
Lightning Protection	DC Ground

### Installation Specifications

Installation Method	Ceiling Mounting
Accessories	N/A