DATA SHEET

21-0UCGA3F4-D1

 Frequency:
 600-4200MHz

 Gain:
 2.5/3.5/4/4dBi

 IM3:
 ≤-150dBc

OMNI ANTENNA

BRIDGE Components

Power Rating: 50W Usage: Indoor

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



Indoor

TECHNICAL DATA

Connector: 4 x N Female

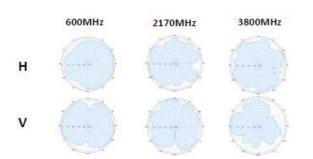
Electrical Specifications				
Frequency Range (MHz)	600- 698	698- 960	1425- 2700	3300- 4200
Gain (dBi)	2.5	3.5	4.0	4.0
VSWR	≤2.5	≤2.0	≤2.0	≤2.0
Isolation	≥12	≥15	≥20	≥22
Polarization	Horiz	Horizontal/Vertical		
Beamwidth- H	360°			
Beamwidth- V	110°	90°	46°	35°
Power Rating	50W	50W		
PIM : IM3	≤-150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

Mechanical Specifications		
Connectors	4 x N Female	
Dimensions	Ø 320 x 50mm	
Weight	1.0Kg	
Radome Color	White	
Radome Material	ABS, UV Stabilized	

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

Installation Specifications		
Installation Method	Ceiling Mounting	
Accessories	N/A	

Radiation Diagrams



Disclaimer All images are for reference purposes only

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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.