DATA SHEET

21-VUAA0FN-PS-D01

PANEL ANTENNA

BRIDGE Components

Frequency: 380-960MHz Gain: 7 dBi IM3: TBD

Power Rating:50W
Usage: Indoor

OVERVIEW

BRIDGE DAS INDOOR SISO PANEL ANTENNAS are designed for DAS/IBS system coverage. They provide high directional 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

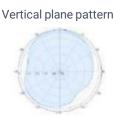
Horizontal plane pattern



380MHz



960MHz



380MHz

960MHz

Connector: N Female

TECHNICAL DATA

Electrical Specifications		
Frequency Range (MHz)	380-520	698-960
Gain	5/7 ± 1 dBi	5/7 ± 1 dBi
VSWR	≤3.0	≤2.0
Polarization	Vertical	Vertical
Beamwidth- H	95 ±20°	90 ±15°
Beamwidth- V	75 ±15°	65 ±15°
Front to Back Ratio	≥ 12 dB	
Power Rating	50W	
PIM : IM3	TBD	
Impedance	50 Ω	

Mechanical Specifications		
Connectors	N Female	
Dimensions	315x195x68mm	
Weight	0.5kg	
Radome Color	White	
Radome Material	UV-Resistance ABS	

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

Installation Specifications		
Installation Method	Pole or wall mount	

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.