

## DATA SHEET

# 21-PUEAE3S7-E1 | PANEL ANTENNA SISO

Frequency: 698-2700MHz | Max Gain: 7dBi | Pol: V-Pol | Connector: 4.3-10 Female | PIM: -150dBc | Usage: Indoor



## OVERVIEW

BRIDGE Panel Antenna is specifically designed for DAS & IBS systems. Due to its directional feature, the panel antenna has a higher gain value. The includes 2G/3G/4G/5G, VHF, UHF, Tetra, IoT, Military spectrum allocation in different frequency systems, and re-farming systems.

BRIDGE Panel Antenna could support of frequency range 698-2700MHz, and the design of low PIM could perform smooth data transmission in system coverage.

## FEATURES

- In-building cellular signal enhancement for standard frequency bands
- Low PIM performance
- Vertical Polarization
- High gain design
- Connectors types are optional
- Compact size and light weight making it easy to install

### Product



## TECHNICAL DATA

### Electrical Specifications

Frequency Range(MHz)	698-960	1710-2700
Gain	5dBi	7dBi
VSWR	≤1.8	≤1.5
Polarization	Vertical	
Beamwidth- H	90°	
Beamwidth- V	80°	
PIM:IM3	≤-150dBc	
Power Rating	50W	
Impedance	50Ω	

### Mechanical Specifications

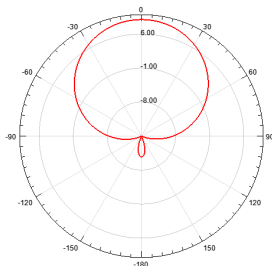
Connectors	4.3-10 Female
Dimensions	165 x 155 x 48mm
Weight	0.37kg
Radome Color	White
Radome Material	ABS
Lightning Protection	DC Ground
Mounting	Wall

### Environmental Specifications

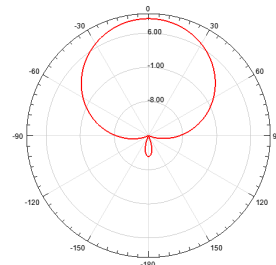
Temperature	-40 to +55°C
Humidity	≤95%
IP Rating	IP40, Indoor

### Radiation Diagram

H-Plane



V-Plane



Unit measurements in mm

[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, however accuracy and completeness is not guaranteed.

Bridge Components holds the right to change the product specifications without notice.