

## DATA SHEET

# 21-PUFCE3M6-E1 | PANEL ANTENNA MIMO

Frequency: 698-3800MHz | Gain: 6dBi | Power : 50W | Pol : X-POL | Connector: 4.3-10 Female | PIM: ≤-150dBc  
Usage: Indoor



## OVERVIEW

BRIDGE Panel ANT is designed for DAS/IBS system coverage to provides directional beam radiation and gain more signal strength in coverage. It is compatible with various of 2G/3G/4G/5G spectrum allocation in different frequency system or re-farming cellular system.

Low PIM design is the technology to support data transmission in system coverage. Wide frequency technology support 698-3800MHz.

In the section of materials selection, Bridge products are all made of good and rugged materials as option, which make sure long product working life and stable working performance.

## FEATURES

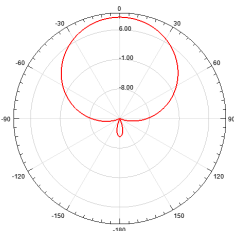
- In-building cellular signal enhancement for standard frequency bands.
- Vertical Polarization
- High gain design
- Connectors types are optional.
- Compact size and light weight making it easy to install

### Product

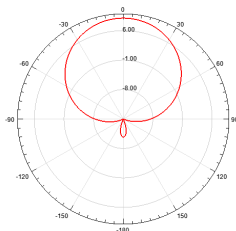


### Radiation Diagram

H-Plane



E-Plane



Unit measurements inmm

Disclaimer: All images are for reference purposes only

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness not guaranteed.

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

## TECHNICAL DATA

### Electrical Specifications

Frequency Range(MHz)	698-960	1710-2700	3400-3800
Gain	4±1dBi	5±1dBi	6±1dBi
VSWR	≤1.8@698-806 ≤1.5@806-960	≤1.5	≤1.6
Polarization	±45°		
Beamwidth- H	100±10°	80±15°	80±15°
Beamwidth- V	90±20°	60±15°	60±15°
PIM:IM3 (@2X43dBm)	≤-150dBc		
Power Rating	50W		
Impedance	50Ω		

### Mechanical Specifications

Connectors	2 x 4.3-10 Female
Dimensions	207 x 177 x 45mm
Weight	0.45kg
Radome Color	White
Mounting	Wall
Radome Material	ABS
Lightning Protection	DC Ground

### Environmental Specifications

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

Revised | A.1.1