

## DATA SHEET

# 21-ST-PUFCA3M8-E1TD

# PANEL ANTENNA MIMO



**Frequency:** 698-2700MHz

**Gain:** 5/6/8dBi

**IM3:** ≤-150dBc

**Power Rating:** 50W

**Usage:** Indoor

**Connector:** 2 x N Female

## OVERVIEW

BRIDGE DAS INDOOR MIMO PANEL ANTENNAS are designed for DAS/IBS system coverage. They provide high directional beam radiation. The antennas are compatible with 2G/3G/4G 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

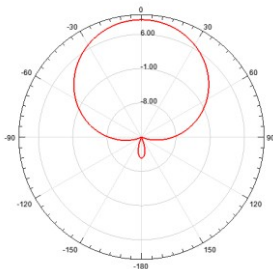
- N, 4.3-10 connectors, available upon request
- High gain design
- Qualified low PIM performance
- Compact and easy to install

### Product Pictures

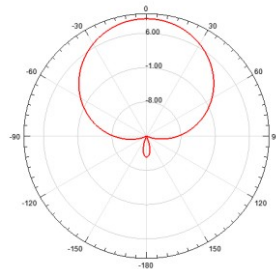


### Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



## TECHNICAL DATA

### Electrical Specifications

Frequency Range (MHz)	698-806	806-960	1710-2700
Max. Gain	5.0dBi	6.0dBi	8.0dBi
VSWR	≤1.8	≤1.5	≤1.8
Isolation	≥18dB	≥18dB	≥20dB
Polarization	±45°	±45°	±45°
Beamwidth- H	100±10°	100±10°	80±15°
Beamwidth- V	90±10°	90±10°	60±15°
Front to Back Ratio	≥8dB	≥8dB	≥10dB
Power Rating	50W		
PIM :IM3	≤-150dBc		
Impedance	50Ω		

### Mechanical Specifications

Connectors	2 x N Female
Dimensions	207 x 177 x 45mm
Weight	0.45kg
Radome Color	White
Radome Material	ABS

### Environmental Specifications

Temperature	-40°C - +55°C
Humidity	≤95%
IP Rating	IP 56(with air hole)
Lightning Protection	DC Ground

### Installation Specifications

Installation Method	Pole or wall mount
Mounting Pole Diameter	Φ30-Φ75mm

Disclaimer All images are for reference purposes only

Revised: | B.1.1

**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.