

## DATA SHEET

# 21-PUFEX3F9-D2

# 4X4 PANEL ANTENNA MIMO



**Frequency:** 698-4000MHz

**Gain:** 5.5/8.5/7dBi

**IM3:**  $\leq -150$ dBc

**Power Rating:** 50W

**Usage:** IP55(Indoor)

**Connector:** 4 x N/4.3-10(Female)

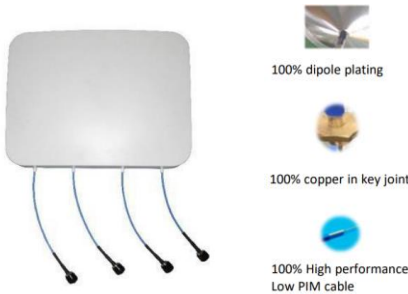
## OVERVIEW

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/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

Vertical plane pattern

## TECHNICAL DATA

### Electrical Specifications

Frequency Range (MHz)	698-960	1425-2700	3300-4000
Gain	5.5dBi	8.5dBi	7.0dBi
VSWR	$\leq 2.0$	$\leq 2.0$	$\leq 2.0$
Isolation	$\geq 12$ dB	$\geq 20$ dB	$\geq 24$ dB
Polarization	Horizontal/Vertical		
Beamwidth- H	85-130°	58-95°	33-65°
Beamwidth- V	78-108°	83-45°	25-90°
Front to Back Ratio	$\geq 7$ dB	$\geq 13$ dB	$\geq 10$ dB
Power Rating	50W		
PIM : IM3	$\leq -150$ dBc		
Impedance	50 $\Omega$		

### Mechanical Specifications

Connectors	PN
Dimensions	385 x 315 x 68mm
Weight	1.5kg
Radome Color	White
Radome Material	ABS, UV Stabilized

### Environmental Specifications

Temperature	-40 ~ +65 °C
Humidity	$\leq 95$
IP Rating	IP55
Lightning Protection	DC Ground

### Installation Specifications

Installation Method	Pole or wall mount
Mounting Pole Diameter	TBD

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.