

DATA SHEET

21-PUFCE3M-5

PANEL ANTENNA MIMO



Frequency: 698-960/1425-2700/3300-3800MHz

Gain: 5.5|8.5|7dBi

Power Rating:50W

Connector: 4.3-10 Female x 2

IM3: ≤-150dBc

Usage: IP40(Indoor)

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



100% dipole plating



100% copper in key joint



100% High performance Low PIM cable

TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	698-960	1425-2700	3300-3800
Gain	5.5dBi	8.5dBi	7.0dBi
VSWR	≤2.0	≤1.8	≤2.0
Isolation	≥12	≥20	≥24
Polarization	Horizontal + Vertical		
Beamwidth- H	90°	65°	45°
Beamwidth- V	78°	60°	38°
Front to Back Ratio	≥7dB	≥13dB	≥10dB
Power Rating	50W		
PIM : IM3	≤-150dBc		
Impedance	50Ω		

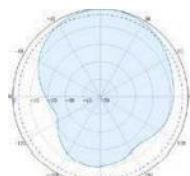
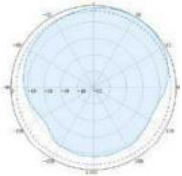
Mechanical Specifications

Connectors	2 x 4.3-10 Female, Bottom
Dimensions	315x195x68mm
Weight	0.65kg
Radome Color	White
Radome Material	UV-Resistance ABS

Radiation Diagrams

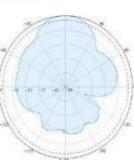
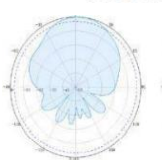
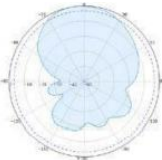
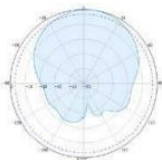
Horizontal plane pattern

Vertical plane pattern



700-900MHz

700-900MHz



1710-2690MHz

3300-3950MHz

1710-2690MHz

3300-3950MHz

Environmental Specifications

Temperature	-40°C~+65°C
Humidity	≤95%
IP Rating	IP40(Indoor)
Lightning Protection	DC Ground

Installation Specifications

Installation Method	Pole or wall mount
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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.