

DATA SHEET

21-PUFCE3S-5

PANEL ANTENNA SISO



Frequency: 698-806/806-960/1425-2700/3300-3800MHz

Gain: 5.5|6.5|8|7 dBi

Power Rating:50W

Connector: 4.3-10 Female

IM3: ≤ -150dBc

Usage: IP40(Indoor)

OVERVIEW

BRIDGE DAS INDOOR SISO 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

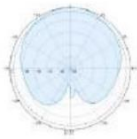


100% High performance Low PIM cable

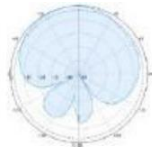
Radiation Diagrams

Horizontal plane pattern

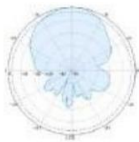
Vertical plane pattern



700-900MHz



700-900MHz



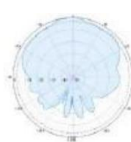
1710-2690MHz



3300-3950MHz



1710-2690MHz



3300-3950MHz

TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	698-806	806-960	1425-2700	3300-3800
Gain	5.5dBi	6.5dBi	8.0dBi	7.0dBi
VSWR	≤2.0	≤1.8	≤1.8	≤1.8
Polarization	Vertical			
Beamwidth- H	100°	85°	65°	50°
Beamwidth- V	90°	85°	60°	45°
Front to Back Ratio	≥9dB	≥10dB	≥15dB	≥11dB
Power Rating	50W			
PIM : IM3	≤-150dBc			
Impedance	50Ω			

Mechanical Specifications

Connectors	1 x 4.3-10 Female, Bottom
Dimensions	180x158x60mm
Weight	0.4kg
Radome Color	White
Radome Material	UV-Resistance ABS

Environmental Specifications

Temperature	-40°C~+65°C
Humidity	≤95%
IP Rating	IP40
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.