

# 21-PUFCE3S-E4

# PANEL ANTENNA SISO



**Frequency:** 698-3800MHz  
**Gain:** 5|7 dBi  
**IM3:** ≤ -150dBc

**Power Rating:**50W  
**Usage:** IP54(Indoor)

**Connector:** 4.3-10 Female

## 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

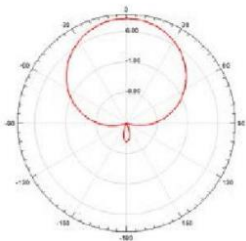
- N, Din 4.3-10 connectors, available upon request
- High gain design
- Qualified low PIM performance
- Compact and easy to install

### Product Pictures

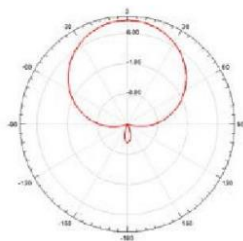


### Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



## TECHNICAL DATA

Electrical Specifications				
Frequency Range (MHz)	698-806	806-960	1710-2700	3300-3800
Gain	5±1	5±1	7±1	7±1
VSWR	≤1.8	≤1.5	≤1.5	≤1.5
Polarization	Vertical			
Beamwidth- H	90°±10	90°±10	75°±10	75°±10
Beamwidth- V	80°±10	80°±10	50°±10	50°±10
Front to Back Ratio	≥10dB	≥10dB	≥12dB	≥12dB
Power Rating	50W			
PIM : IM3	≤-150dBc			
Impedance	50Ω			

Mechanical Specifications	
Connectors	4.3-10 Female, Bottom
Dimensions	165 x 155 x 48 mm
Weight	0.37kg
Radome Color	White
Radome Material	UV-Resistance ABS

Environmental Specifications	
Temperature	-40°C~+55°C
Humidity	≤95%
IP Rating	IP54
Lightning Protection	DC Ground

Installation Specifications	
Installation Method	Pole or wall mount