

DATASHEET

21-OUFCA3S4-D1 | OMNI ANTENNA SISO

Frequency: 698-3800MHz | Max Gain: 4dBi | Pol: Vertical | Connector: N Female | PIM: -150dBc | Usage: Indoor



OVERVIEW

Bridge Omni Antenna is specifically designed for DAS & IBS systems. It covers 360 degrees, which means no dead space was allowed in an empty room. The usage includes 2G/3G/4G/5G, VHF, UHF, Tetra, IoT, Military spectrum allocation in different frequency systems, and re-farming systems.

Bridge Antenna could support usage of frequency range 698-3800MHz, and the design of low PIM could perform smooth data transmission in system coverage.

Our products are all made of top-quality materials, which secures the durability and stable performance of the product.

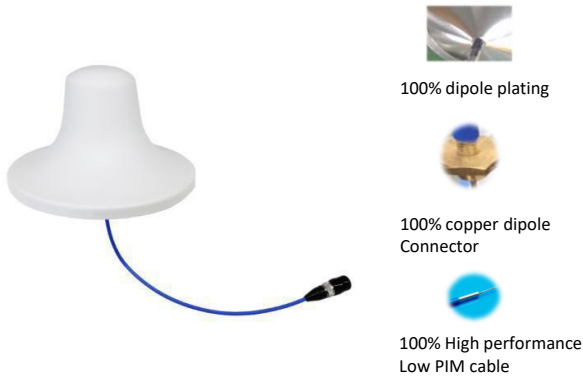
FEATURES

- In-building cellular signal enhancement for standard frequency bands.
- Low PIM performance
- Vertical Polarization
- High gain design
- Connectors types are optional.
- Compact size and light weight making it easy to install

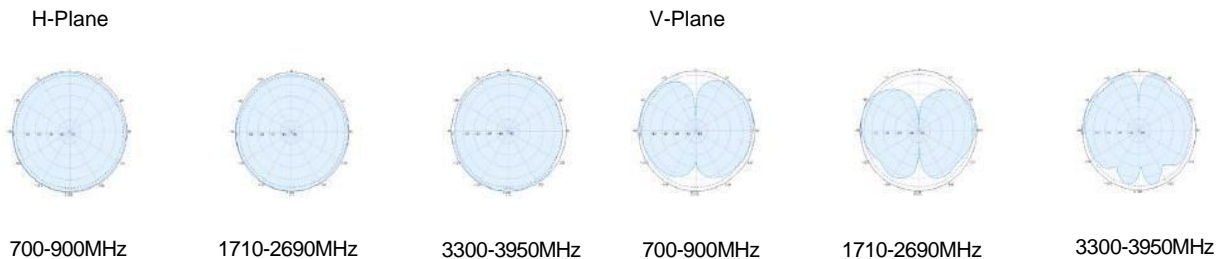
TECHNICAL DATA

Electrical Specifications				
Frequency Range(MHz)	698-806	806-960	1710-2700	3300-3800
Gain	1.5dBi	2.0dBi	3.0dBi	4.0dBi
VSWR	≤1.8	≤1.8	≤1.5	≤1.5
Polarization	Vertical			
Beamwidth- H	360°			
Beamwidth- V	95°	80°	38°	32°
PIM:IM3	≤-150dBc			
Power Rating	50W			
Impedance	50Ω			
Mechanical Specifications				
Connectors	N Female			
Dimensions	Ø200 x 120mm			
Weight	0.4kg			
Radome Color	White			
Radome Material	UV-Resistance ABS			
Lightning Protection	DC Ground			
Mounting	Ceiling			
Environmental Specifications				
Temperature	-40 to +65°C			
Humidity	≤95%			
IP Rating	IP40, Indoor			

Product



Radiation Diagram



Unit measurements in mm

Disclaimer: All images are for reference purposes only

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Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed.

Bridge Components holds the right to change the product specifications without notice.