

DATASHEET

21-OUCBE3S6-E1 | OMNI ANTENNA SISO THIN

Frequency: 698-6000MHz | Max Gain: 6.3dBi | Power : 50W | Connector: 4.3-10 Female | PIM: -150dBc
Usage: Indoor



OVERVIEW

BRIDGE Omni ANT is designed for DAS/IBS system coverage to provides 360 degree beam radiation, meanwhile high gain design to increase signal strength in coverage a lot. It is compatible with various of 2G/3G/4G/5G spectrum allocation in different frequency system or re-farming cellular system.

Wide frequency technology support 698-6000Mhz.

In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

FEATURES

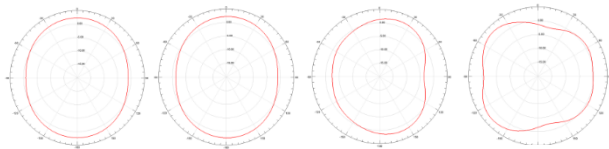
- In-building cellular signal enhancement for standard frequency bands
- Vertical Polarization
- Qualified PIM performance
- Low VSWR values
- Compact size and light weight making it easy to install

Product

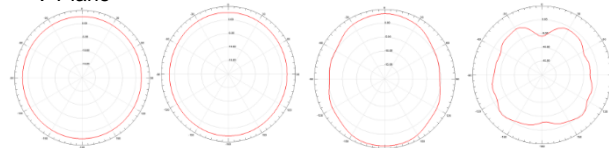


Radiation Diagram

H-Plane



V-Plane



740 MHZ 880 MHZ 1710 MHZ 2600 MHZ

Unit measurements in mm

Disclaimer: All images are for reference purposes only

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.

TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	698-806	806-960	1710-2170	2300-2700	3300-3800	4900-6000
Gain	4.8dBi	5.0dBi	6.3dBi	4.5dBi	4.5dBi	4.5dBi
VSWR	≤1.8	≤1.5	≤1.5	≤1.5	≤1.5	≤1.8
Polarization	Horizontal					
Beamwidth- H	360°					
Beamwidth- V	85°	80°	65°	60°	55°	50°
PIM:IM3	≤-150dBc					
Power Rating	50W					
Impedance	50 Ω					

Mechanical Specifications

Connectors	4.3-10 Female
Dimensions	Ø213 x 18.5mm
Weight	0.26Kg
Radome Color	White
Radome Material	ABS
Installation Method	Celling Mounting

Environmental Specifications

Temperature	-40 to +65°C
Lightning Protection	DC Ground
IP Rating	IP40, Indoor