

DATA SHEET

21-OUFCA3S-7-D1

HIGH GAIN SISO OMNI ANTENNA



Frequency: 698-960/1690-2700/3300-3800MHz

Gain: 7dBi

Power Rating:50W

Connector: N-Female

IM3: ≤-150dBc

Usage: Indoor

OVERVIEW

BRIDGE DAS INDOOR SISO OMNI ANTENNAS are designed for DAS/IBS system coverage. They provide high gain 360 degree 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

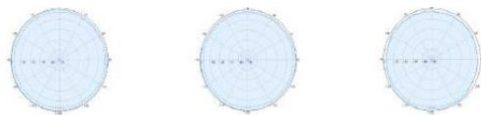
- N, Din 4.3-10 connectors, available upon request
- High gain design
- Qualified low PIM performance
- Compact and easy to install

Product Pictures

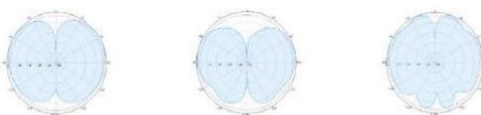


Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	698-960	1690-2700	3300-3800
Gain (dBi)	4.5±0.5	7±0.5	7±0.5
VSWR	≤1.8:1	≤1.5:1	≤1.6:1
Polarization	Vertical		
Beamwidth- H	360°		
Beamwidth- V	65±5°	30±5°	28±5°
Power Rating	50W		
PIM : IM3	≤-150dBc@2 x 20W, carrier		
Impedance	50Ω		

Mechanical Specifications

Connectors	N Female, Bottom
Dimensions	Ø360 x 120mm
Weight	0.95kg
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	Ceiling Mounting
Accessories	Screws, washers, nuts

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.