

DATA SHEET

21-OUCGE3F4-D1

OMNI ANTENNA

Frequency: 600-4200MHz

Gain: 2.5/3.5/4/4dBi

IM3: \leq -150dBc

Power Rating: 50W

Usage: Indoor

Connector: 4 x 4.3-10 Female

OVERVIEW

BRIDGE DAS INDOOR MIMO 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.

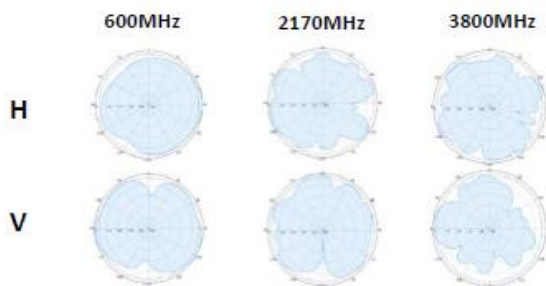
KEY FEATURES

- 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



TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	600-698	698-960	1425-2700	3300-4200
Gain (dBi)	2.5	3.5	4.0	4.0
VSWR	\leq 2.5	\leq 2.0	\leq 2.0	\leq 2.0
Isolation	\geq 12	\geq 15	\geq 20	\geq 22
Polarization	Horizontal/Vertical			
Beamwidth- H	360°			
Beamwidth- V	110°	90°	46°	35°
Power Rating	50W			
PIM : IM3	\leq -150dBc			
Impedance	50 Ω			

Mechanical Specifications

Connectors	4 x 4.3-10 Female
Dimensions	\varnothing 320 x 50mm
Weight	1.0Kg
Radome Color	White
Radome Material	ABS, UV Stabilized

Environmental Specifications

Temperature	-40 to +65°C
Humidity	\leq 95%
IP Rating	IP40
Lightning Protection	DC Ground

Installation Specifications

Installation Method	Ceiling Mounting
Accessories	N/A