

DATA SHEET

21-OUFCX3M4-E1 | OMNI ANTENNA MIMO

Frequency: 698-3800MHz | Max Gain: 4dBi | Pol: Vertical & Horizontal | Connector: N F / 4.3-10 F | PIM: \leq -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

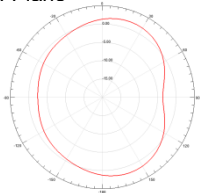
- In-building cellular signal enhancement for standard frequency bands
- Low PIM performance
- Vertical & Horizontal Polarization
- High gain design
- Connectors types are optional
- Compact size and light weight making it easy to install

Product

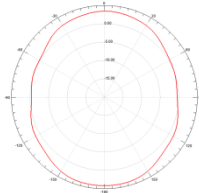


Radiation Diagram

H-Plane



V-Plane



TECHNICAL DATA

Part Number

Connector Type	PN
N Female	21-OUFCA3M4-E1
4.3-10 Female	21-OUFCE3M4-E1

Electrical Specifications

Frequency Range (MHz)	698-806	806-960	1710-2700	3300-3800
Gain	2.0dBi	2.5dBi	4.0dBi	4.0dBi
VSWR	\leq 1.8	\leq 1.5	\leq 1.5	\leq 1.8
Polarization	Vertical & Horizontal			
Beamwidth- H	360°			
Beamwidth- V	80°	80°	30°	30°
PIM:IM3	$<$ -150dBc			
Power Rating	50W			
Impedance	50 Ω			

Mechanical Specifications

Connectors	2 x N F / 4.3-10 F
Dimensions	\varnothing 203 x 43mm
Weight	0.46kg
Radome Color	White
Radome Material	ABS
Lightning Protection	DC Ground
Mounting	Ceiling

Environmental Specifications

Temperature	-40 to +55°C
Humidity	\leq 95%
IP Rating	IP40, Indoor

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.