

DATA SHEET

21-HHAAN-OS-2

VHF OMNI ANTENNA



Frequency: 136-174MHz

Gain: 2-3 dBi

IM3: TBD

Power Rating:50W

Usage:Indoor

Connector: N(Female)

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)	136-174MHz
Gain	2/3dBi
VSWR	≤1.5, Typical:1.8 ≤1.8, Typical:2.2 (>3M bandwidth)
Polarization	Vertical
Beamwidth- H	360°
Beamwidth- V	90° 55°
Power Rating	50W
PIM : IM3	TBD
Impedance	50 Ω

Mechanical Specifications

Connectors	N(Female)
Dimensions	Ø 160×90mm
Weight	0.25kg
Radome Color	White
Radome Material	ABS

Environmental Specifications

Temperature	-40°C ~ +55°C
Humidity	≤95%
IP Rating	IP30
Lightning Protection	DC Ground

Installation Specifications

Installation Method	Ceiling Mount
Accessories	Screws, washers, nuts

Disclaimer All images are for reference purposes only

Revised: |

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.