

DATA SHEET

21-YUEAA2S9-D1

YAGI ANTENNA

Frequency: 698-2700MHz

Gain: 8/9dBi

IM3: ≤-140dBc

Power Rating: 50W

Connector: N Female

IP Rating: IP56 with air hole

OVERVIEW

BRIDGE YAGI ANTENNAS are compatible with any Cellular, IoT, TETRA, WIFI, VHF and UHF network system.

The antennas are designed for highly directional narrow site applications. Custom working frequencies, connectors, beam degree angles and gains are available. Rugged materials are used in the manufacturing process which allows the antennas to have a long working life and consistent performance.

KEY FEATURES

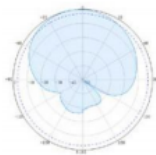
- N, Din 4.3-10 connectors, available upon request
- Optional qualified PIM performance
- Supports Wide-band working frequency ranges
- Supplied with mounting bracket
- Easy to install

Product Pictures

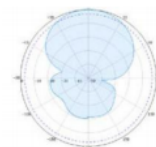


Radiation Diagrams

Horizontal plane pattern

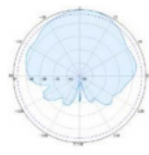


700-960MHz

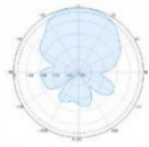


700-960MHz

Vertical plane pattern



1690-2690MHz



1690-2690MHz

TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	698-960	1710-2700
Gain	8dBi	9dBi
VSWR	≤2.0	≤1.5
Polarization	Vertical	Vertical
Beamwidth- H	90°	90°
Beamwidth- V	60°	60°
Power Rating	50W	
PIM : IM3	≤-140dBc	
Impedance	50Ω	

Mechanical Specifications

Connectors	N Female
Feeder System	Jumper Cable
Dimensions	294x 210x 65mm
Weight	0.87 Kg
Radome Color	Light Gray
Radome Material	UV-Resistance ABS

Environmental Specifications

Wind Load	36.9km/h
Temperature	-40 ~+70°C
Humidity	≤95%
IP Rating	IP56 with air hole
Lightning Protection	DC ground

Installation Specifications

Installation Method	Pole
Mounting Pole Diameter	Ø35-Ø50mm

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.