#### **DATA SHEET**

### 21-YUUDANS-1

Frequency: 698-960MHz Gain: 14dBi IM3: TBD

Power Rating: 50W

**YAGI ANTENNA** 

## **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**

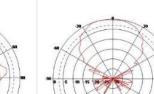
- N, Din 4.3-10 connectors, available upon request
- Optional qualified PIM performance
- Supports Wide-band working frequency ranges
- Supplied with mounting bracket
- Easy to install

#### **Product Pictures**



#### **Radiation Diagrams**

Horizontal plane pattern



Vertical plane pattern

Connector: N(Female)

# **TECHNICAL DATA**

Electrical Specifications	
Frequency Range (MHz)	698-960MHz
Gain	14dBi
VSWR	≤2.0
Polarization	≥17dB
Beamwidth- H	33°
Beamwidth- V	31°
Power Rating	50W
PIM : IM3	TBD
Impedance	50Ω

Mechanical Specifications	
Connectors	1x N Female, Bottom
Feeder System	Jumper cable
Dimensions	1300 mm
Weight	1.5 kg
Color	Black
Material	Aluminum

Environmental Specifications	
Wind Load	160m/s
Temperature	-40°C~+70°C
Humidity	≤95%
IP Rating	IP65
Lightning Protection	DC Ground

Installation Specifications	
Installation Method	Pole Mounting
Mounting Pole Diameter	Φ35~ Φ50
Accessories	N/A

#### 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.

