

DATA SHEET

21-YUCEANS-1

YAGI ANTENNA

Frequency: 617-4000MHz

Gain: 12/14 dBi

IM3: N/A

Power Rating:50W

IP Rating:IP65

Connector: N Female

OVERVIEW

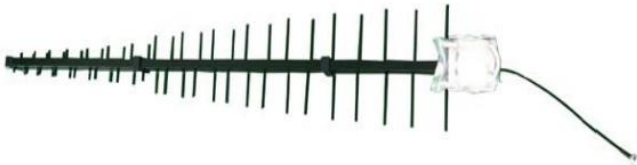
BRIDGE YAGI ANTENNAS are compatible with any Cellular, IoT, TETRA, WIFI, VHF and UHF network system.

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

TECHNICAL DATA

Electrical Specifications

Frequency Range (MHz)	617-960	1710-2700	3300-3800
Gain	12 dBi	14 dBi	12 dBi
VSWR	≤2.5	≤2.0	≤2.0
Polarization	Vertical	Vertical	Vertical
Beamwidth- H	55°	42°	36°
Beamwidth- V	46°	34°	32°
Power Rating	50W		
PIM : IM3	N/A		
Impedance	50Ω		

Mechanical Specifications

Connectors	1 x N Female, Bottom
Feeder System	Jumper Cable
Dimensions	1280mm
Weight	1.6 kg
Color	black
Material	Aluminum

Environmental Specifications

Wind Load	160 km/h
Temperature	-40°C~ +65°C
Humidity	≤95%
IP Rating	IP65
Lightning Protection	DC Ground

Installation Specifications

Installation Method	Pole
Mounting Pole Diameter	φ35 ~ φ50

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.