

DATA SHEET

21-LEAE0G-YG-11

YAGI ANTENNA

Frequency: 1710-2170MHz

Gain: 11dBi

IM3: TBD

Power Rating: 50W

IP Rating: IP65

Connector: 4.3-10 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)	1710-2170
Gain	11dBi
VSWR	≤1.5
Polarization	Vertical
Beamwidth- H	<40°
Beamwidth- V	<39°
Power Rating	50W
PIM : IM3	TBD
Impedance	50Ω

Mechanical Specifications

Connectors	4.3-10 Female
Feeder System	Jumper Cable
Dimensions	450x95x45mm
Weight	0.4kg
Color	Light Gray
Material	304 Stainless Steel or Customized

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 Pole Diameter	φ35 ~ φ50
Accessories	U-Clamp Mounting Rack

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, accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.