DATA SHEET

21-LEAEOG-YG-14

YAGI ANTENNA

BRIDGE Components

Frequency: 1710-2170MHz Gain: 14dBi IM3: TBD

Power Rating: 50W

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: 4.3-10 Female

TECHNICAL DATA

Electrical Specifications	
Frequency Range (MHz)	1710-2170
Gain	14dBi
VSWR	≤1.5
Polarization	Vertical
Beamwidth- H	<39°
Beamwidth- V	<37°
Power Rating	50W
PIM : IM3	TBD
Impedance	50Ω

Mechanical Specifications	
Connectors	4.3-10 Female
Feeder System	Jumper Cable
Dimensions	620x95x45mm
Weight	0.6kg
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.