

21-PUENE2M-6

DUAL BANDHIGH GAIN OUTDOOR PANEL ANTENNA



Frequency: 820-960/1710-2170MHz

Gain: 21/21dBi

Power Rating:200W

Connector: 2 x 4.3-10 Female

OVERVIEW

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

The antennas are designed using narrow-beam technology and allowing them to generate highly directional radiation to distant sites. A combination of high-density elements and low-interference technology allows the antennas to occupy a narrow footprint while maintaining stable high-gain performance. Rugged materials are used in the manufacturing process, allowing the antennas to withstand outdoor environments.

KEY FEATURES

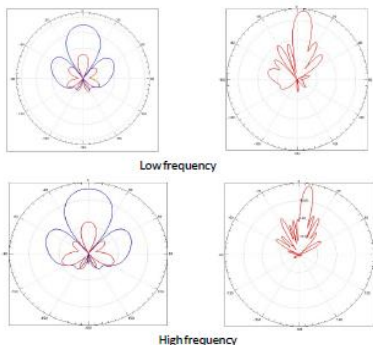
- N, Din and 4.3-10 connector are available upon request
- Multiple gain and beam angle options available
- Antennas have an IP protection rating of IP65 making them suitable for outdoor applications

Product Pictures



Radiation Diagrams

Horizontal plane pattern | Vertical plane pattern



TECHNICAL DATA

Electrical Specifications		
Frequency Range (MHz)	820-960	1710-2170
Gain	20.5±1dBi	21±1dBi
VSWR	≤1.5	≤1.5
Polarization	±45°	Vertical
Beamwidth- H	33°	33°
Beamwidth- V	8°	7°
Max. Power	200W	
Impedance	50 Ω	

Mechanical Specifications	
Connectors	2 x 4.3-10 Female
Dimensions	2600 x 450 x 165mm
Weight	38 Kg
Radome Color	White
Radome Material	Fiber-reinforced plastic

Environmental Specifications	
Wind Load	30.55 m/s
Temperature	-40 to +60 °C
Humidity	≤95%
IP Rating	TBD
Lightning Protection	DC Ground

Installation Specifications	
Installation Method	Pole Mounting
Mounting Pole Diameter	Φ80 –Φ114mm
Mechanical Tilt	0-8°

Disclaimer All images are for reference purposes only

Revised: | A.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.