22-LEA2C4P45H33V5-24-7 OUTDOOR HIGH GAIN PANEL ANTENNA

BRIDGE Components

 Frequency:
 1710-1880/1880-2170 MHz

 Gain:
 23/24dBi
 Power Rating:
 500W

OVERVIEW

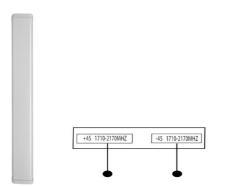
BRIDGE PANEL ANTENNAS are compatible with any Cellular, IoT, TETRA, WIFI, VHF and UHF network system.

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.

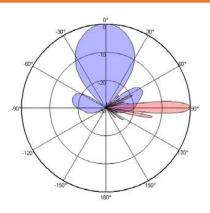
KEY FEATURES

- 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



Connector: 2 x DIN Female

TECHNICAL DATA

Electrical Specifications		
Frequency Range (MHz)	1710-1880	1710-2170
Gain	23dBi	24dBi
VSWR	≤1.5	≤1.5
Polarization	±45°	±45°
Beamwidth- H	33°	33°
Beamwidth- V	4.6°	3.9°
Power Rating	500W	
Impedance	50Ω	

Mechanical Specifications		
Connectors	2 x DIN Female	
Dimensions	2100 x 280 x 125mm	
Weight	21kg	
Radome Color	White	
Radome Material	PVC	

Environmental Specifications		
Wind Load	60m/s	
Temperature	-40°C~65°C	
Humidity	≤95%	
IP Rating	IP65	
Lightning Protection	DC Ground	

Installation Specifications		
Installation Method	Pole Mounting	
Mounting Pole Diameter	TBD	
Mechanical Tilt	0-10°	

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.