



Frequency: 1710-2690MHz

Gain: 14 dBi

Power Rating: 200W

Connector: 4 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

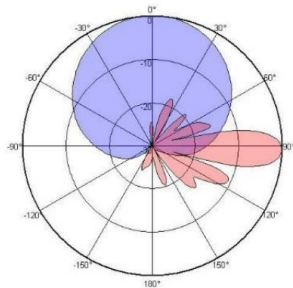
- N, Din and 4.3-10 connector are available upon request
- Multiple gain and beam angle options available
- Antennas have an IP protection rating of IP65 making them suitable for outdoor applications

### Product Pictures



### Radiation Diagrams

Horizontal plane pattern | Vertical plane pattern



2690MHz

## TECHNICAL DATA

### Electrical Specifications

Frequency Range (MHz)	1710-2690
Gain	14 dBi
VSWR	≤1.5
Polarization	±45°
Beamwidth- H	90°
Beamwidth- V	16°
Power Rating	200W
Impedance	50Ω

### Mechanical Specifications

Connectors	4 X 4.3-10 Female
Dimensions	560 x 446 x 165mm
Weight	14.2kg
Radome Color	White
Radome Material	Fiber-reinforced plastic

### Environmental Specifications

Wind Load	58.13 m/s
Temperature	-40~+70 °C
Humidity	≤95%
IP Rating	IP65
Lightning Protection	DC Ground

### Installation Specifications

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