



Frequency: 430-450 MHz

Gain: 6±1dBi

Power Rating:100W

Connector: N 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



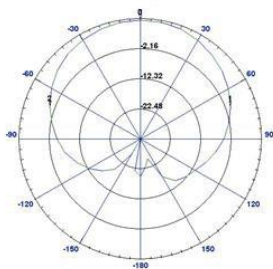
- N-F/4.3-10F/Din-F Options



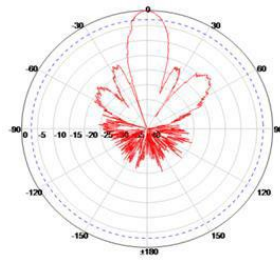
-Ruggedized & Anti-corrosion & Machinal adjustable Clamp

### Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



## TECHNICAL DATA

Electrical Specifications	
Frequency Range (MHz)	430-450MHz
Gain	6±1dBi
VSWR	≤1.8
Polarization	Vertical
Beamwidth- H	95±10°
Beamwidth- V	55±10°
Power Rating	100W
Impedance	50Ω

Mechanical Specifications	
Connectors	N Female
Dimensions	600 x 280 x 125mm
Weight	TBD
Radome Color	White
Radome Material	UPVC

Environmental Specifications	
Wind Load	60m/s
Temperature	-40° C~+55° C
Humidity	≤95%
IP Rating	IP65
Lightning Protection	DC Ground

Installation Specifications	
Installation Method	Pole Mounting
Mounting Pole Diameter	Φ30-Φ75
Mechanical Tilt	0-10°