

Frequency: 4 X 1710-3800MHz

Gain: 11.5dBi

Power Rating:100W

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



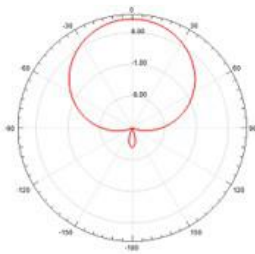
- N-F/4.3-10F/Din-F Options



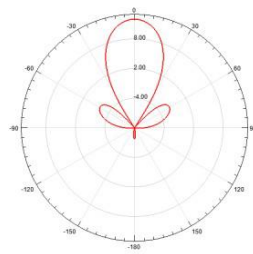
-Ruggedized & Anti-corrosion & Machinal adjustable Clamp

Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



TECHNICAL DATA

Electrical Specifications		
Frequency Range (MHz)	1710-2700	3300-3800
Gain	11.5±1dBi	11.5±1dBi
VSWR	≤1.8	≤1.8
Polarization	±45°	
Beamwidth- H	65±15°	65±10°
Beamwidth- V	20±10°	20±8°
Power Rating	100W	
Impedance	50Ω	

Mechanical Specifications	
Connectors	4 x 4.3-10(Female)
Dimensions	430 x 320 x 120mm
Weight	13kg
Radome Color	White
Radome Material	PVC

Environmental Specifications	
Wind Load	36.9 m/s
Temperature	-40~55 °C
Humidity	10~95%
IP Rating	IP65
Lightning Protection	DC Ground

Installation Specifications	
Installation Method	Pole Mounting
Mounting Pole Diameter	Φ50 –Φ90
Mechanical Tilt	0-10°