



Frequency: 900-930MHz

Gain: 8±1 dBi

Usage: IP65 Outdoor & Indoor

Power Rating:50W

Connector: N Female

OVERVIEW

BRIDGE IOT ANTENNAS are widely used in Cellular, NB-IoT , LoRa, M2M / ISM and other Wireless Network, and Automotive, Geographic Surveying, Sport and Recreation applications. The antennas are designed using wide band and high gain technology a 360 degree beam radiation. High quality materials are used in the manufacturing process which allows the antennas to have a long working life and consistent performance.

KEY FEATURES

- N, Din 4.3-10 connectors, available upon request
- High gain performance
- Large magnetic base, allowing a much more stable installation
- Low transmission loss

Product Pictures



Utilizing Copper Dipoles in side



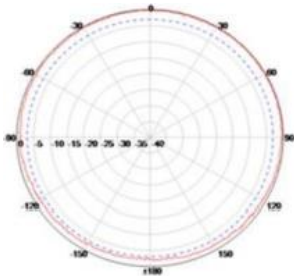
Rugger & Anti-corrosion Clamp



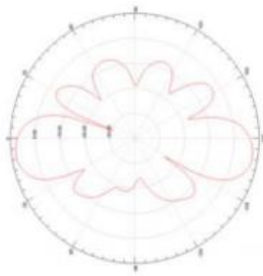
High level fiber glass materials

Radiation Diagrams

Horizontal plane pattern



Vertical plane pattern



TECHNICAL DATA

Electrical Specifications

| | |
|-----------------------|----------|
| Frequency Range (MHz) | 900-930 |
| Gain | 8±1 dBi |
| VSWR | ≤1.5 |
| Polarization | Vertical |
| Beamwidth- H | 360° |
| Beamwidth- V | 13±10° |
| Power Rating | 100W |
| Impedance | 50Ω |

Mechanical Specifications

| | |
|------------|------------------|
| Connectors | N Female, Bottom |
| Dimensions | Ø 25 x 900mm |
| Weight | 0.49kg |
| Color | Gray |
| Material | Fiberglass |

Environmental Specifications

| | |
|-------------|---------------|
| Wind Load | 60m/s |
| Temperature | -30°C ~ +70°C |
| Humidity | ≤95% |
| IP Rating | IP65 |

Installation Specifications

| | |
|------------------------|------------|
| Installation Method | Pole |
| Mounting Pole Diameter | Ø30 -Ø50mm |