

Frequency: 867-869MHz

Gain: 9 dBi

Power Rating: 50W

Connector: 4.3-10 Female

Usage: TBD

## 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



### Radiation Diagrams

Horizontal plane pattern

Vertical plane pattern

## TECHNICAL DATA

### Electrical Specifications

Frequency Range (MHz)	867-869
Gain	9±1 dBi
VSWR	≤1.8
Polarization	Vertical
Beamwidth- H	75±15°
Beamwidth- V	65±15°
Power Rating	50W
Impedance	50Ω

### Mechanical Specifications

Connectors	4.3-10 Female
Dimensions	410x210x60mm
Weight	1kg
Color	Light Gray
Material	UV-resistance ABS

### Environmental Specifications

Wind Load	TBD
Temperature	-40°C ~+70°C
Humidity	≤95%
IP Rating	TBD

### Installation Specifications

Installation Method	Pole
Mounting Pole Diameter	TBD