



Key Features

- Small footprint
- Flexible enclosure
- Optimized for real field applications
- IP 67 level of Ingress protection
- Suitable for outdoor use
- Wide temperature range operating from -30°C to 60°C

Introduction

WBE LoRa antenna is specially designed for use in small LPWAN environment. This hardware comes with a flexible outer casing which makes it usable in spaces where monkey menace is faced in the outdoor antenna scenarios. The antenna is light weight so easily can be mounted on any surface ideally at highest point of building to obtain highest coverage.

Specifications

Electrical Specifications

Frequency	868MHz
Operating Range	865-867 MHz
Gain	6dBi
Vertical pattern	360 deg
Horizontal pattern	---
SWV (VSWR)	Typ <1.5
F/B ratio	≥18-dB
Power Max Input	2W
Impedance	50 Ohm
Connector	N type
Bandwidth	>50MHz (-3dB)
Polarization	Vertical

Mechanical Specifications

W-Resistance	15N
Weight including mount	0.4Kg
Rated Wind Velocity	60m/s
Antenna Dimension	1300*20mm
Working Temperature	-30°C +60°C
Mounting Kits	U bolts