



## BTL-101

### Omni-Directional LTE Antenna:

### 1-Port Cellular Multiband 4G Antenna for Distributed Antenna System

## Product Description

Santa Fe BTL-101 is ideal for downtown urban settings, RV's or marine installations. It's built with a strong fiberglass casing and is designed to cover 698-2700MHz Wideband.

The Fiberglass antenna is an omni-directional antenna that gathers signals from all sides and does not need to be pointed toward a cellular tower. Parts includes mounting equipment for either a flat horizontal surface or a wall. It shall be mounted in an upright position for best results.

## Highlight

- Omni-Directional RF multiband design
- Rugged housing
- Worldwide LTE 4G wideband coverage



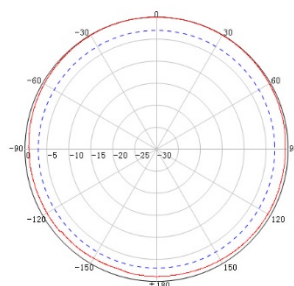
### Electrical Specifications

Frequency	698 ~ 960 MHz & 1710 ~ 2700 MHz
Gain (Peak)	6/8 dBi
VSWR	≤ 1.5
Polarization	Vertical
Front to Back Ratio	NA.
Horizontal Beamwidth	360°
Vertical Beamwidth	16°
Impedance	50 Ω
Max. Power	100 W
Lightning Protection	DC Ground

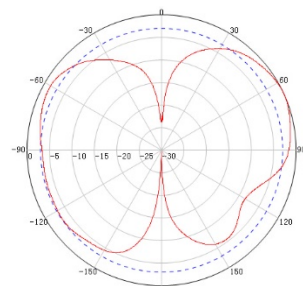
### Mechanical Specification

Dimension	Φ20x600 mm
Weight	650 kg
Connector	N-Female
Material	Fiberglass
Reflector Material	Copper
Operation Temperature	-40° ~ +70°C
Mounting Pole	Ø38 ~ Ø50 mm
Rated Wind Velocity	60m/s

### Radiation Pattern



H-Plan



V-Plane