

### Product Description

Santa Fe BTL-102 is an Omni-directional LTE antenna, which is designed for both industrial and commercial LTE-enabled Distributed Antenna Systems deployment, access points, and gateways.

The rugged multiband antenna covers worldwide Cellular 3G / LTE 4G frequencies: 698~960 MHz and 1710~2700 MHz, and the horizontal beamwidth of the radiation pattern is omni. The antenna element embedded targets at excellent bandwidth and the whole mechanical design ensures reliability in field.

### Highlight

- Omni-Directional RF design
- Rugged housing
- Worldwide LTE 4G wideband coverage
- More 1-port LTE panel antennas available:
  - BPL-101: 7 ~ 9 dBi, 16.5 x 15.5 x 5 cm
  - BPL-102: 7 ~ 8 dBi, 21 x 18 x 4.3 cm
  - BPL-103: 9 dBi, 29.4 x 21 x 6.5 cm
- Listed LTE MIMO Dual-Port models:
  - BPL-201: 6 ~ 7 dBi, 30 x 18 x 9 cm
  - BPL-202: 8 ~ 10 dBi, 35 x 28 x 13 cm
  - BPL-203: 11.5~14.5 dBi, 90 x 28 x 13 cm

## BTL-102

### Omni Directional LTE DAS Antenna: 1-Port Cellular Multiband 3G / 4G Antenna For Distributed Antenna System



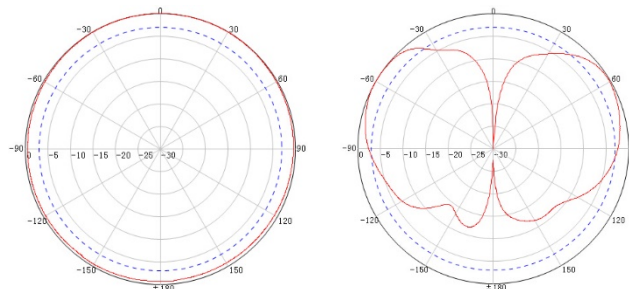
#### Electrical Specifications

<b>Frequency</b>	698 ~ 960 MHz & 1710 ~ 2700 MHz
<b>Gain (Peak)</b>	4/6 dBi
<b>VSWR</b>	≤ 2.5:1
<b>Polarization</b>	Vertical
<b>Front to Back Ratio</b>	NA.
<b>Horizontal Beamwidth</b>	360°
<b>Vertical Beamwidth</b>	18°
<b>Impedance</b>	50 Ω
<b>Max. Power</b>	100 W
<b>Lightning Protection</b>	DC Ground

#### Mechanical Specifications

<b>Dimension</b>	250(H) x Ø63(Dia.) mm
<b>Weight</b>	1.0 kg
<b>Connector</b>	N-Female
<b>Color</b>	White
<b>Lighting Protection</b>	DC Grounded
<b>Radome Material</b>	Fiberglass
<b>Operation Temperature</b>	-40° ~ +70°C
<b>Mounting Pole</b>	Ø38 ~ Ø52 mm
<b>Rated Wind Velocity</b>	60m/s

#### Radiation Pattern



H-Plane

V-Plane