

Product Description

Santa Fe BPL-103 is a high-gain log periodic antenna, which is especially designed for outdoor LTE-enabled Distributed Antenna Systems, DAS, and applications of industrial point-to-point LTE wireless networks, access points, gateways, and signal jammers.

The ultra wideband directional panel antenna covers 4G LTE bands worldwide: 698~960 MHz and 1710~2700 MHz and the beamwidth of the radiation patterns are 90 degrees horizontally and 60 degrees vertically.

The embedded antenna element design applies log periodic technology, which features high-gain, excellent multiband performance, and application flexibility. RG-58 coaxial cable ended with N Type male connector is standard while other RF connectors are optional.

Highlight

- Rugged enclosure
- Directional log periodic antenna design
- 9 dBi high gain with 90-degree horizontal coverage
- LTE multiband worldwide coverage

BPL-103

Directional Log Periodic LTE Panel Antenna: 1-Port Cellular 4G Multiband Antenna For Distributed Antenna System



Electrical Specifications

Frequency Range	698-960/1710-2700MHz
Band width	210/990MHz
F/B Ratio	> 16dB
Gain	9/11dBi
V.S.W.R	≤1.8
Radiation	Direction
Horizontal Beam width	90°
Vertical Beam width	60°
Polarization	Vertical
Lightning Protection	DC-Ground
Maximum Input Power	50W
Impedance	50Ω
Connector	N Female or customized
Cable Type	RG58U
Cable Length	30cm
Antenna Radome Material	ABS
Mount	Pole

Mechanical Specifications

Dimensions	440×209×70mm
Weight	1KG
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES