



Technical Specification Sheet

2.4 GHz Bluetooth Antenna — P/N 100902



Features

- Small and lightweight
- No tuning components
- Available in tube and reel packing for automatic mounting

Ultima™ Series Antennas

This small embedded antenna provides the most reliable, easy to use, and adjustment-free antenna technology for handling during assembly and implementation by developers.

Electrical

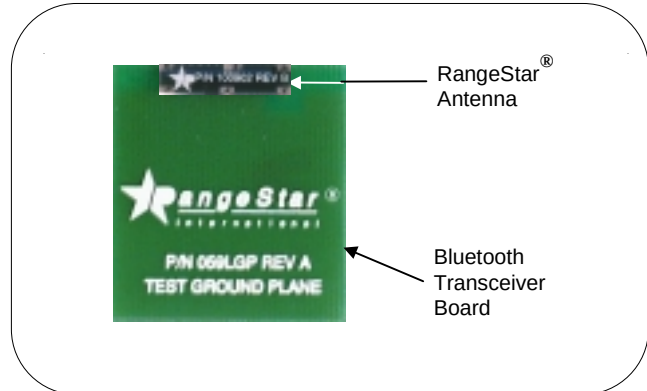
Frequency Range	2.40 – 2.50 GHz
Peak Gain ⁽¹⁾	0 dBi peak
VSWR ⁽¹⁾	Less than 2.0:1
Front-to-Back Ratio	n/a
Polarization	Linear
Azimuth beamwidth	Omnidirectional
Power handling	10 Watt cw
Feed point impedance	50 Ohms unbalanced

Note (1) Figures dependant on ground plane size

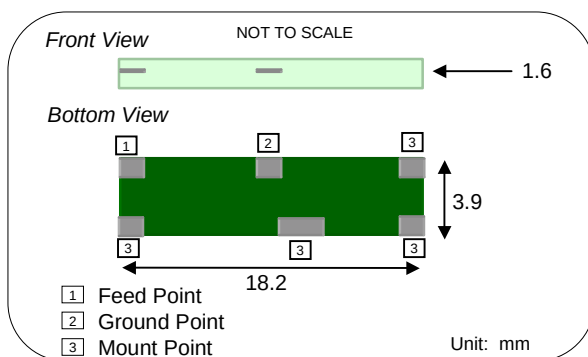
Mechanical

Size	18.2 x 3.9 x 1.6 mm
Weight	Less than 1 g
Mounting	Surface mounted technology

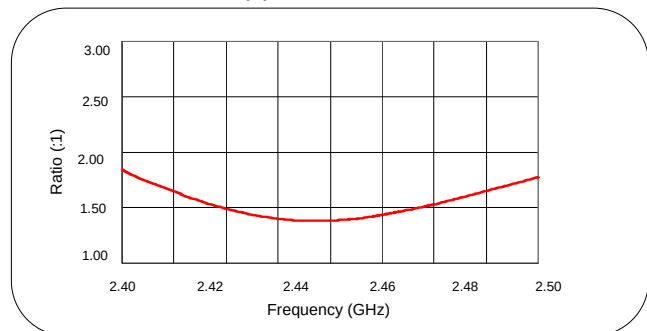
Typical Mounting



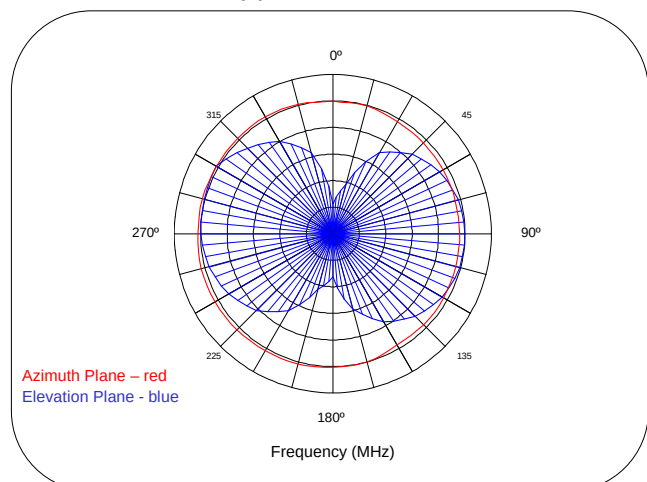
100902 Dimensions



Typical VSWR



Typical Pattern



Typical Pad Layout

