

# Technical Specification Sheet

# 2.4 GHz Bluetooth™ Antenna — P/N 100902

### **Features**

- Small and lightweight
- No tuning components
- Available in tape and reel or tray 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.

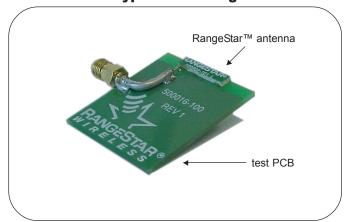
### **Electrical**

Frequency Range	2400 – 2500 MHz	
Peak Gain <sup>(1)</sup>	0 dBi	
VSWR <sup>(1)</sup>	less than 2.0:1	
Polarization	linear	
Azimuth Beamwidth	omnidirectional	
Power Handling	10 Watt cw	
Feed Point Impedance	50 Ohms unbalanced	
Note (1) Figures dependent on ground plane size		

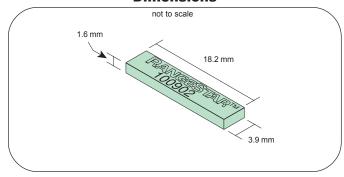
## **Mechanical**

Size	18.2 x 3.9 x 1.6 mm	
Weight	less than 1 g	
Mounting	surface mount technology	

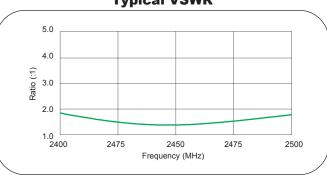
### **Typical Mounting**



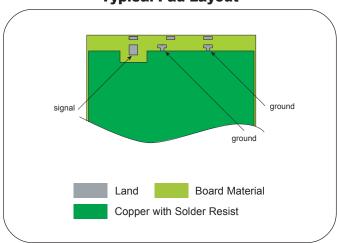
### **Dimensions**



### **Typical VSWR**



### **Typical Pad Layout**



### **Typical Pattern**

