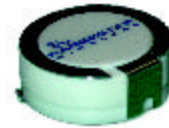


# Bluetooth™/802.11 a & b Antenna

## Part Number 100961



**Features:**

- \* Wide bandwidth and high gain in a compact size
- \* Enhanced hemispherical pattern improves RF link reliability of portable devices.
- \* Surface-mount design available in tape-and-reel packaging for low-cost automated pick-and-place assembly.

**Description:**

The 100961 is a surface-mount dual-band antenna intended for use in Bluetooth, 802.11a and 802.11 b applications. This antenna provides excellent performance at a low cost.

**Specifications:**

Frequency Range (MHz): 2400-2500 MHz  
5100-5900 MHz

Peak Gain: >+2dBi

VSWR: <2.5 : 1

Polarization: Linear

Powerhandling: 10-watt cw

Feedpoint Impedance: 50 Ohms

Weight: <1g

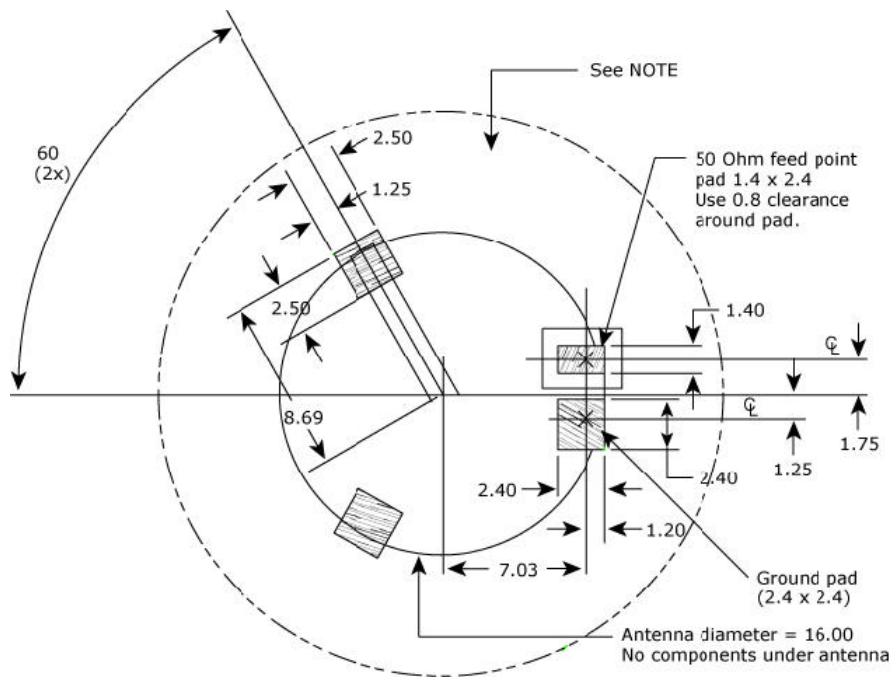
Dimensions: Height 6mm  
Diameter 16mm

**Contact Information:**

Tyco Electronics  
9565 Soquel Drive  
Aptos, CA 95003

Phone: 831.661.4200  
Fax: 831.661.4201  
Web: <http://antenna.tycoelectronics.com>

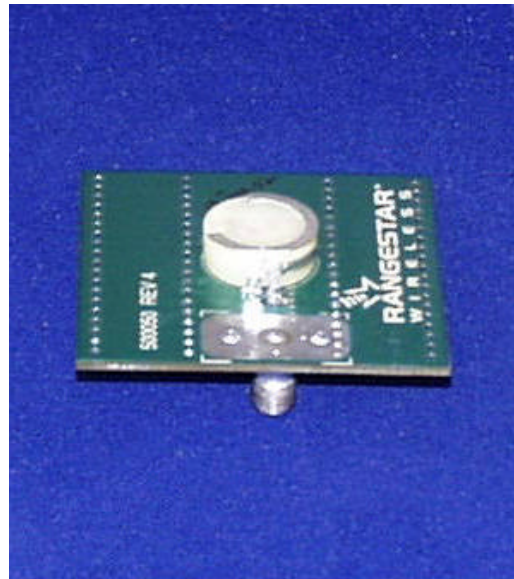
**Mounting:**



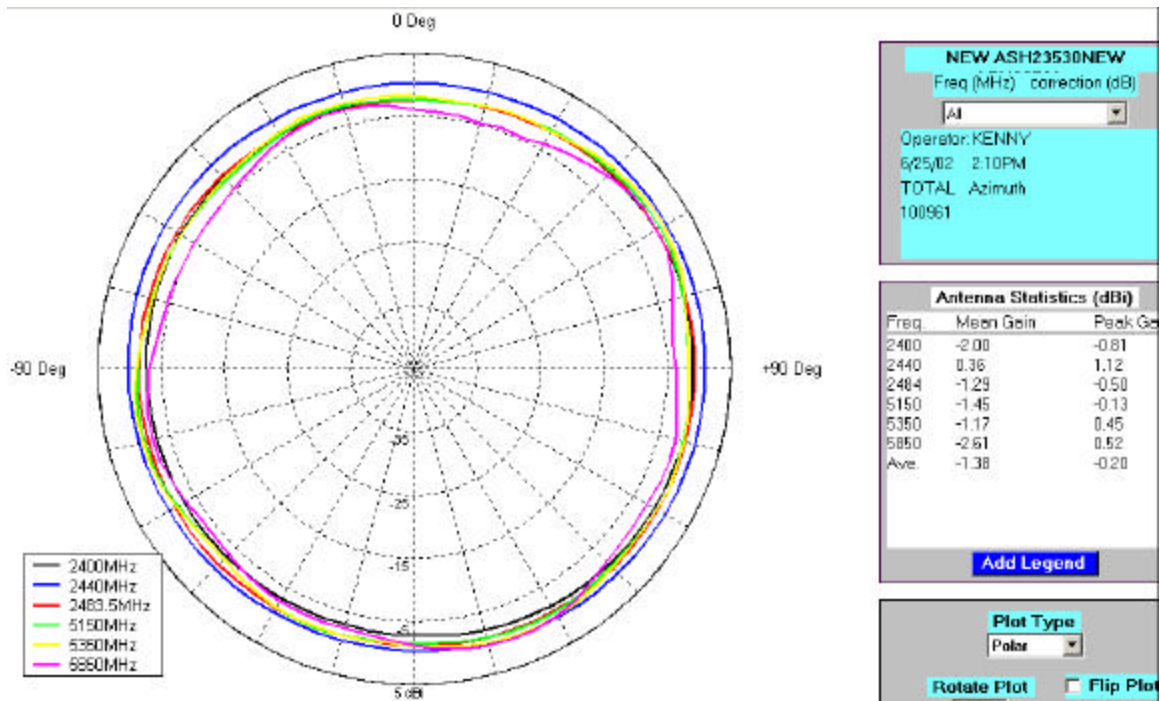
Pad layout  
Scale 4 : 1

(Dimensions in mm)

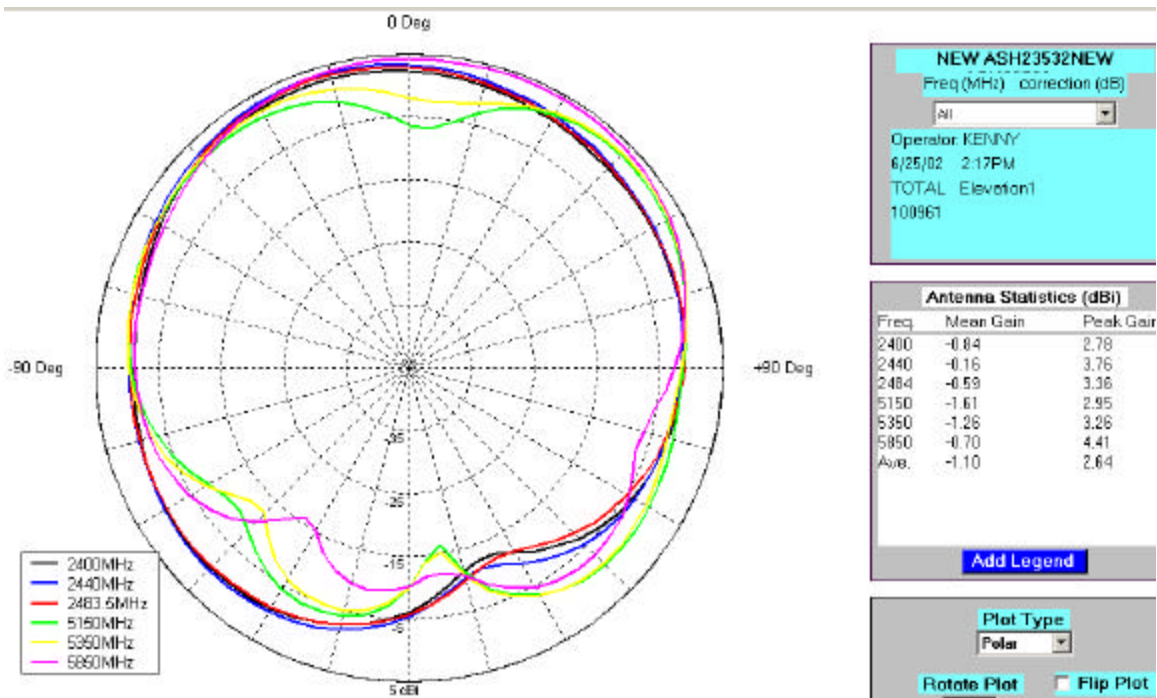
Antenna Testing Orientation:



Azimuth Plot (Total Gain):



Elevation 1 (Total Gain):



Elevation 2 (Total Gain):

