

1559-1606, 2400-2500 & 5150-5875 MHz GNSS/WiFi BAND ANTENNA

Standard Antenna Solutions

Includes Frequencies of GNSS, Bluetooth, ZigBee and WiFi

Part Number: 2195760-1

PRODUCT FACTS:

- Embedded flexible PCB antenna
- Customizable cable and connector
- RoHS compliant

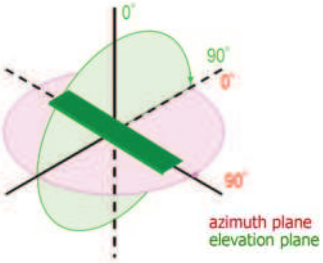
RECOMMENDATIONS:

- Minimum or no matching circuits required
- Bandwidth and performance is not dependent on ground plane size

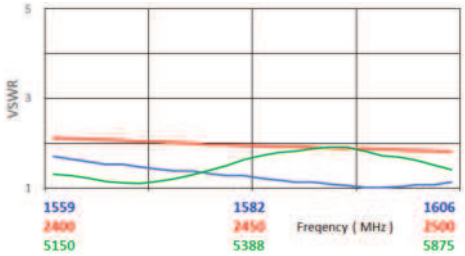
SPECIFICATIONS:

- Frequency Range: 1559-1606 MHz; 2400-2500 MHz; 5150-5875 MHz
- Peak Gain:
  - 1.0dBi @1575 MHz
  - 1.0dBi @ 2450 MHz
  - 3.0dBi @ 5470 MHz
- VSWR: <2.5:1
- Elevation Beamwidth: Omni directional
- Feed Point Impedance: 50 ohms
- Power Handling: 10 Watt cw
- Size: 50mm x 15 mm
- Weight: 1.2 g
- Keep Out Area: See diagram on page 2
- Cable: 1.13mm dia., Length 150mm
- Connector: MHF plug
- Operating temperature: -40° to 85°C

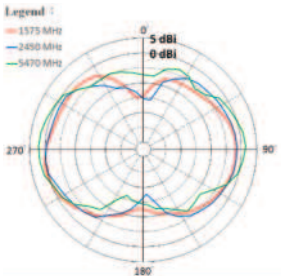
TEST ORIENTATION IN FREE SPACE:



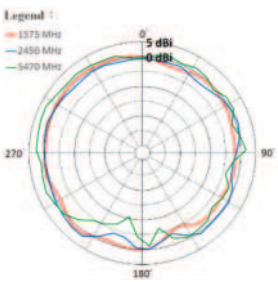
VSWR:



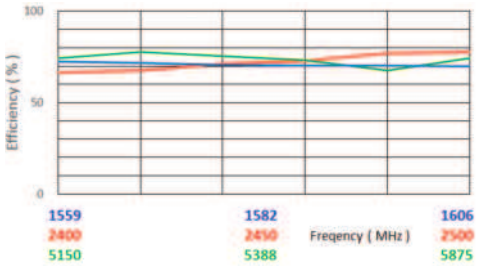
AZIMUTH:



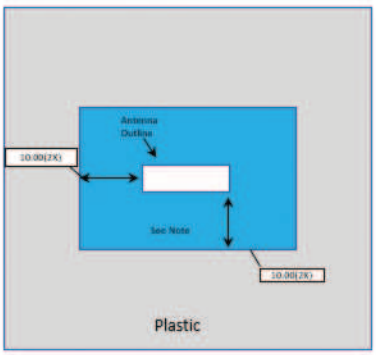
ELEVATION:

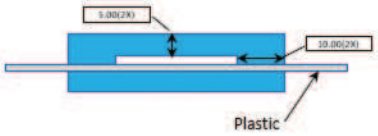


EFFICIENCY:



KEEP OUT AREA:

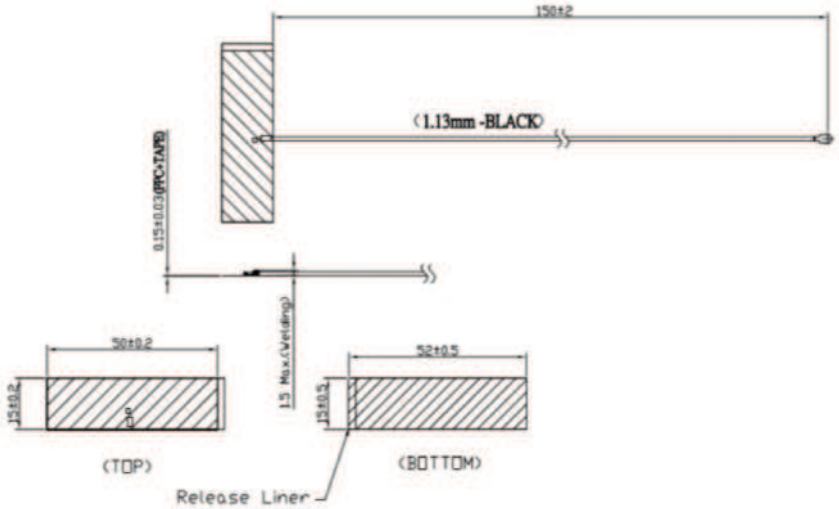




NOTES : 1. Antenna designed to be mounted on plastic cover.
2. Area in blue above indicates Keep Out Area.
3. For more information please call TE.

Dimensions : mm
Diagram is not to scale

APPROXIMATE DIMENSIONS:



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