

2400 –2483.5 & 5150 –5875 MHz Dual Band Antenna (802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, and Wi-Fi products)

Part Number: 1513472-5

Product Facts

- Universal antenna module assembly.
- RoHS compliant

Recommendations

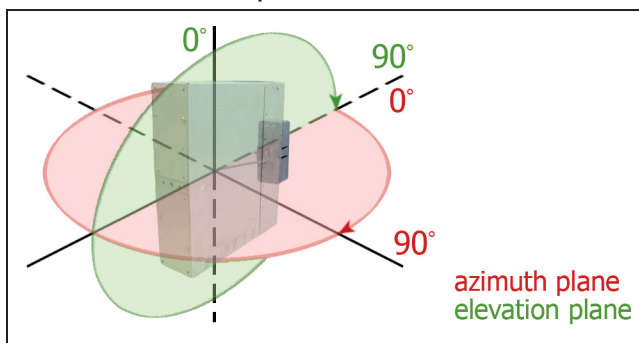
- Antenna is to be mounted on a metal chassis.
- Panel thickness must be between .8mm and 1mm.
- Performance and bandwidth is dependant on chassis size.



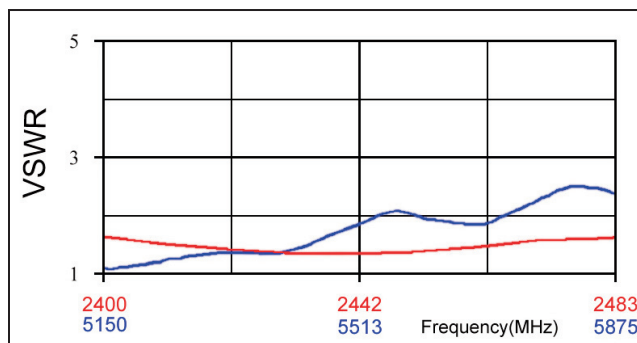
Specifications

| | |
|-----------------------|--|
| Frequency Range (MHz) | 2400 –2483.5; 5150 –5875 |
| Peak Gain | 3 dBi |
| VSWR | <3.0:1 |
| Polarization | Linear |
| Power Handling | 10 Watt cw |
| Feed Point Impedance | 50 Ohms unbalanced |
| Size | 29.00 mm x 12.00 mm x 10.00mm |
| Weight | < 5.5 g. |
| Mounting | Universal Antenna Module |
| Keep Out Area | See diagram on page 2 |
| Cable / Connector | 360 mm length. 1.13 mm dia. with U.F.I connector |
| Note | Data shown was taken on a nominal size metal chassis |

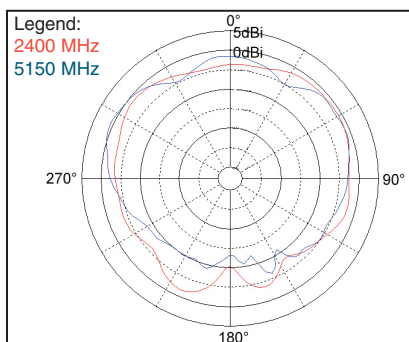
Test Orientation in Free Space



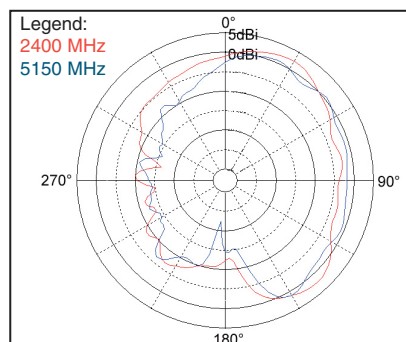
VSWR



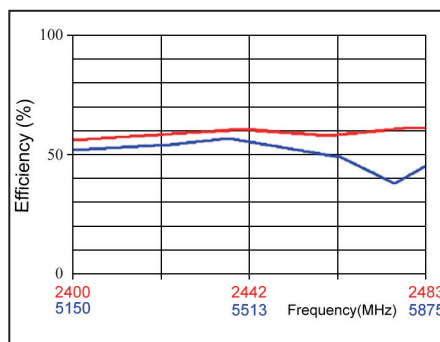
Azimuth



Elevation



Efficiency

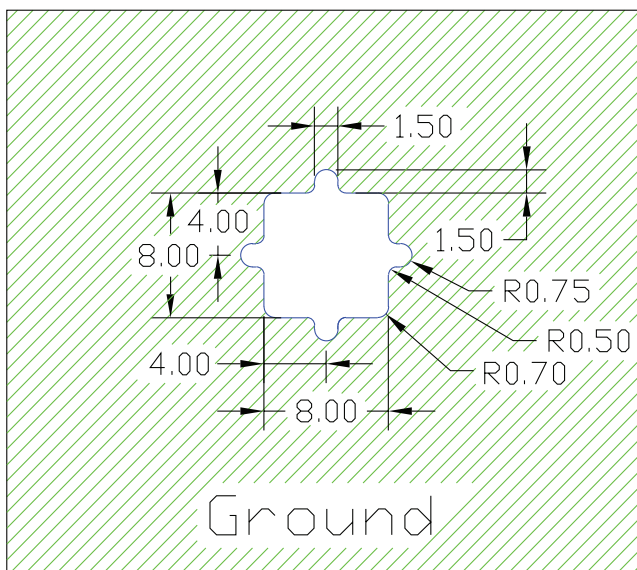


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Mounting Guide

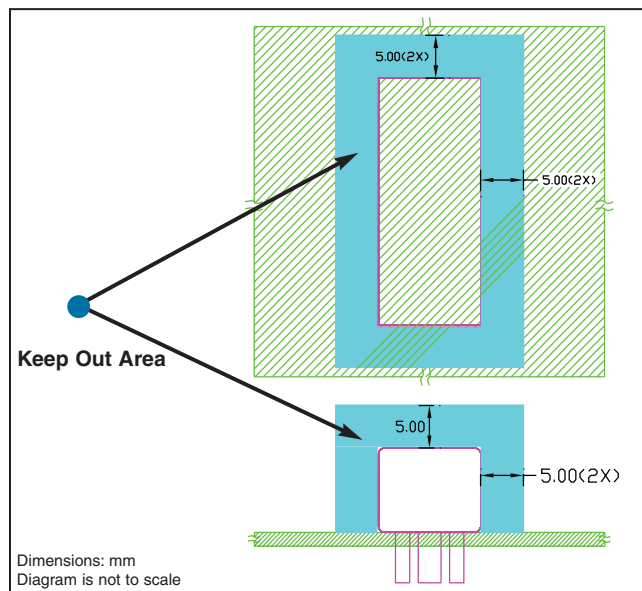
NOTE:
Panel thickness must be between
0.8 mm and 1 mm.



- NOTES: 1. Antenna must be mounted on a metal chassis.
2. For more information please call TE.

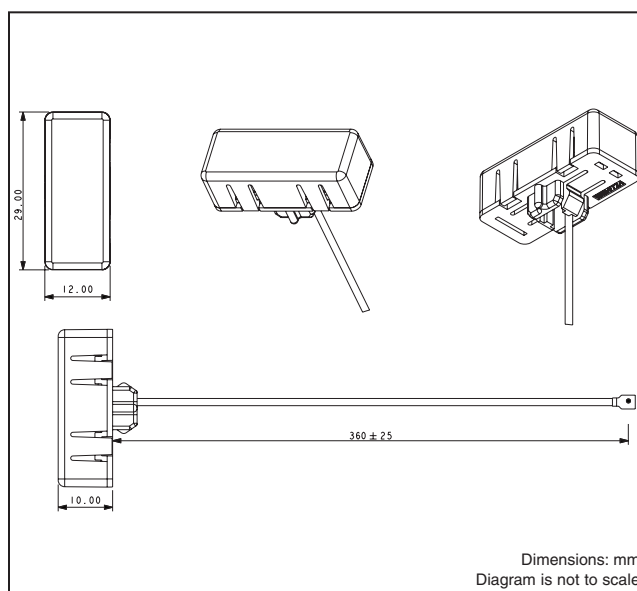
Dimensions: mm
Diagram is not to scale

Keep Out Area



Dimensions: mm
Diagram is not to scale

Approx. Dimensions



Dimensions: mm
Diagram is not to scale

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Consult TE for the latest dimensions and design specifications.

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