

2300 –3800 & 5150 –5875 MHz Dual Band Antenna

(802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, Wi-Fi, and WiMAX products)

Part Number: 2118060-1

Product Facts

- Small and lightweight thin PCB antenna assembly
- RoHS compliant

Recommendations

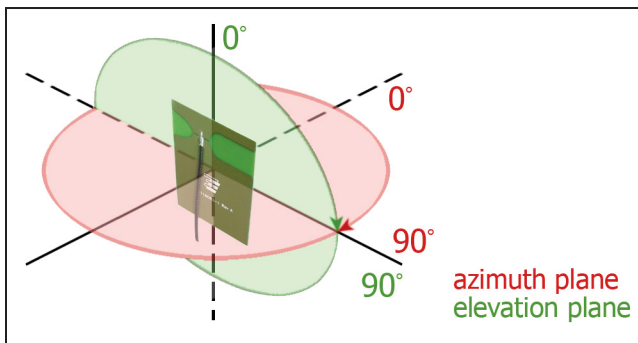
- For best performance follow Mounting Guide and Keep Out Area on page 2.



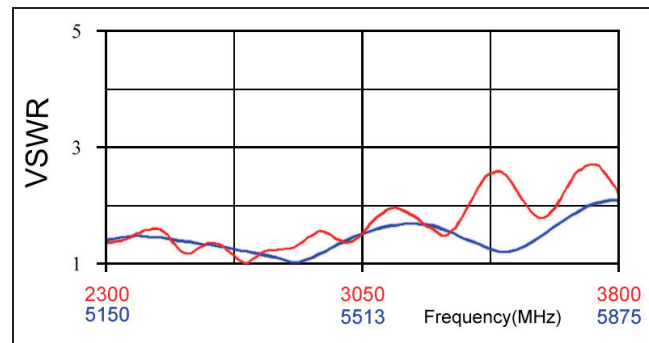
Specifications

Frequency Range (MHz)	2300 –3800; 5150 –5875
Peak Gain	+ 2 dBi
VSWR	< 3.0:1
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Power Handling	3 Watt
Feed Point Impedance	50 Ohms unbalanced
Size	29.60 mm x 41.24 mm x 0.304 mm
Weight	< 3.3 g.
Mounting	Adhesive. See diagram on page 2.
Keep Out Area	See diagram on page 2
Cable / Connector	350 mm length. 1.37 mm dia. with U.F.I connector

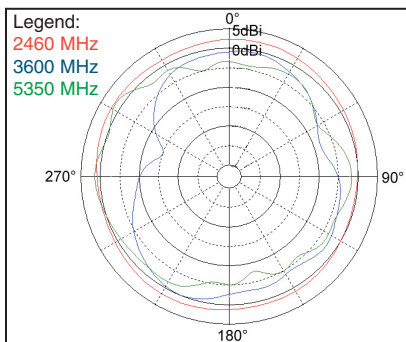
Test Orientation in Free Space



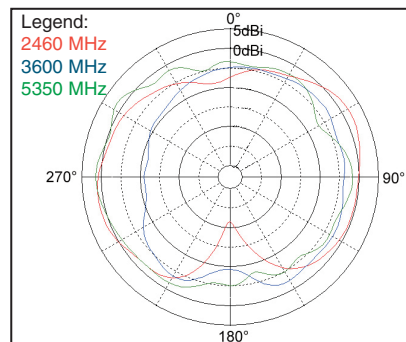
VSWR



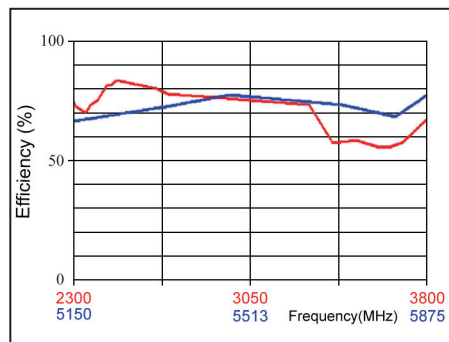
Azimuth



Elevation



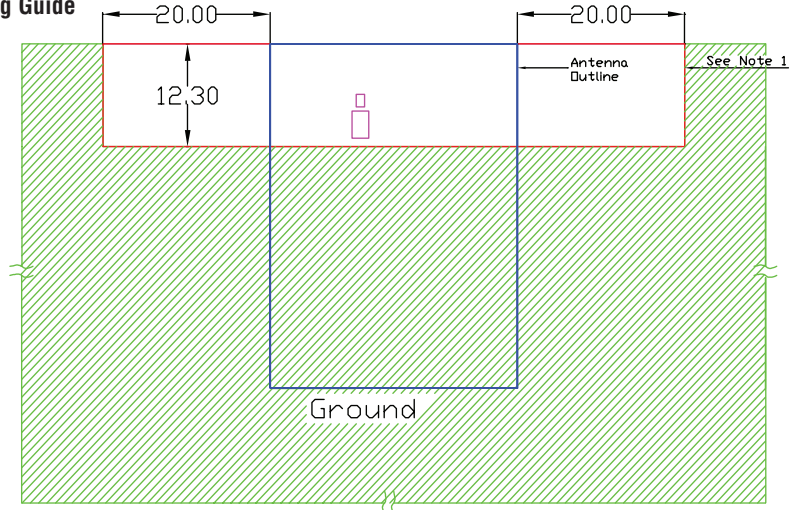
Efficiency



2300 –3800 & 5150 –5875 MHz Dual Band Antenna
(802.11 a/b/g/n, includes frequencies of Bluetooth, ZigBee, Wi-Fi, and WiMAX products)

Part Number: 2118060-1

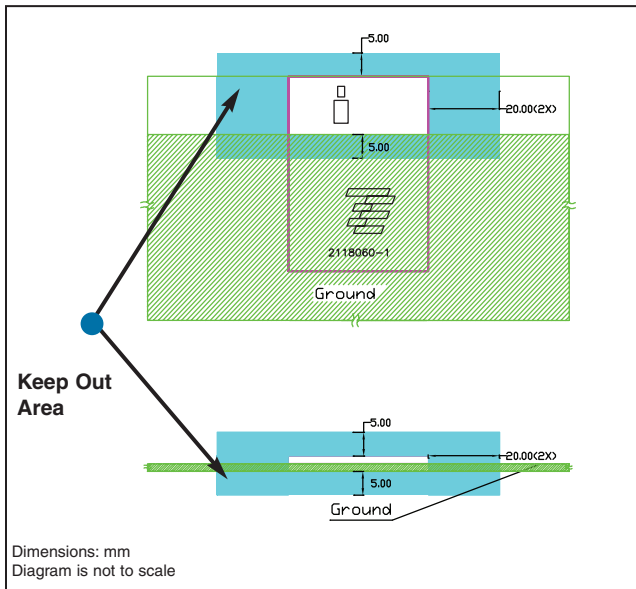
Mounting Guide



- NOTES: 1. No copper allowed in designated area on all PCB layers –
2. For more information please call TE.

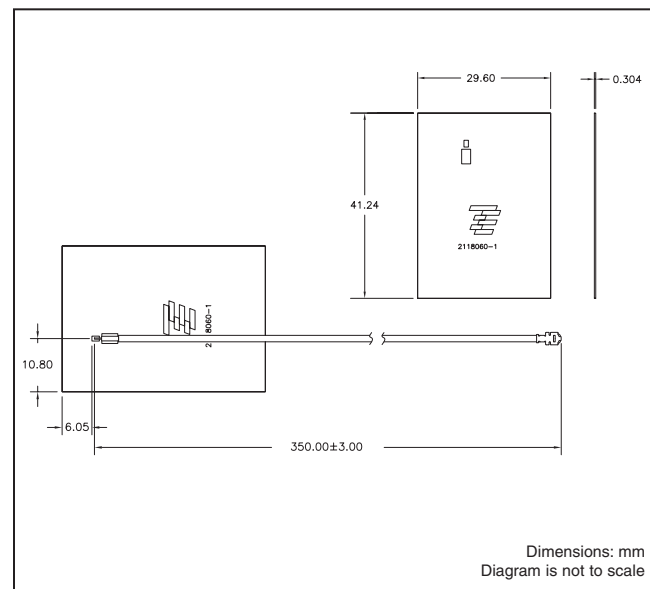
Dimensions: mm
Diagram is not to scale

Keep Out Area



Dimensions: mm
Diagram is not to scale

Approx. Dimensions



Dimensions: mm
Diagram is not to scale

© 2011 Tyco Electronics Corporation. All Rights Reserved.

4-1773459-6-CIS-PDF-03-11

TE (logo) and TE Connectivity are trademarks of the TE Connectivity group of companies and its licensors.

Other logos, product and Company names mentioned herein may be trademarks of their respective owners.

ZigBee is a trademark of ZigBee Alliance.

Bluetooth is a trademark of Bluetooth SIG, Inc.

"Wi-Fi" is a trademark of Wi-Fi Alliance.

"WiMAX" is a trademark of WiMAX Forum.

While TE has made every reasonable effort to ensure the accuracy of the information in this catalog, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice.

Consult TE for the latest dimensions and design specifications.

9565 Soquel Drive
Aptos, CA 95003
(+ 831) 662-1174
<http://www.antenna.te.com>