Features

- 800/900/1800/1900/2100MHz
- Omni Directional 1/2 Wave
- Miniature 42 x 42 x 1mm
- VSWR <3.0
- RG178 Coax 50Ω Impedance
- 2-3dBi Gain (nominal)
- Vertical Polarization
- Admitted Radiation Power 1W
- iPex/UFL Connector
- Operating temp –40 to +70°C

Applications

- Embedded GSM Systems
- For World-wide Use

Ordering Information

<table>
<thead>
<tr>
<th>PART No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT-PCB4242-FL</td>
<td>Miniature PCB Penta Band Antenna</td>
</tr>
</tbody>
</table>
Antenna PCB4242

Mechanical Detail

Performance Data — TEST VSWR
Antenna PCB4242

Performance

Performance Data — RETURN LOSS
Antenna PCB4242

Performance Data—Smith Chart @ 880MHz

Far-field amplitude of gps+gsm01.nsi

Performance Data—Smith Chart @ 920MHz

Far-field amplitude of gps+gsm01.nsi
Performance Data—Smith Chart @ 960MHz

Performance Data—Smith Chart @ 1710MHz
Antenna PCB4242

Performance Data—Smith Chart @ 1785MHz

Far-field amplitude of gps+gsm01.nsi

Perfor
Performance Data—Smith Chart @ 1880MHz

Performance Data—Smith Chart @ 1920MHz
Whilst the information in this document is believed to be correct at the time of issue, RF Solutions Ltd does not accept any liability whatsoever for its accuracy, adequacy or completeness. No express or implied warranty or representation is given relating to the information contained in this document. RF Solutions Ltd reserves the right to make changes and improvements to the product(s) described herein without notice. Buyers and other users should determine for themselves the suitability of any such information or products for their own particular requirements or specifications. RF Solutions Ltd shall not be liable for any loss or damage caused as a result of user’s own determination of how to deploy or use RF Solutions Ltd’s products. Use of RF Solutions Ltd products or components in life support and/or safety applications is not authorised except with express written approval. No licences are created, implicitly or otherwise, under any of RF Solutions Ltd’s intellectual property rights. Liability for loss or damage resulting or caused by reliance on the information contained herein or from the use of the product (including liability resulting from negligence or where RF Solutions Ltd was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict RF Solutions Ltd’s liability for death or personal injury resulting from its negligence.

www.rf-solutions.co.uk