

Features

GPS

- 1575.42MHz
- Gain: 28dB typical
- iPex/UFL Connector
- Operates from 2.8—5.5V
- RHCP: Right Hand Circular
- Operating temp -35 to +95°C

GSM

- Quad Band Antenna
- Active gain: +2-3dBi
- VSWR <2.5:1
- Vertical Polarisation
- iPex/UFL Connector
- Operating temp -35 to +95°C



Applications

- Automotive GSM and GPS Systems
- Covert GSM / GPS Systems
- Embedded GSM and GPS Applications

Description

A Rugged integrated antenna with high performance . This antenna provides total GSM and GPS coverage anywhere in the world. It is ideal for any embedded application or where a small space is available.

Ordering Information

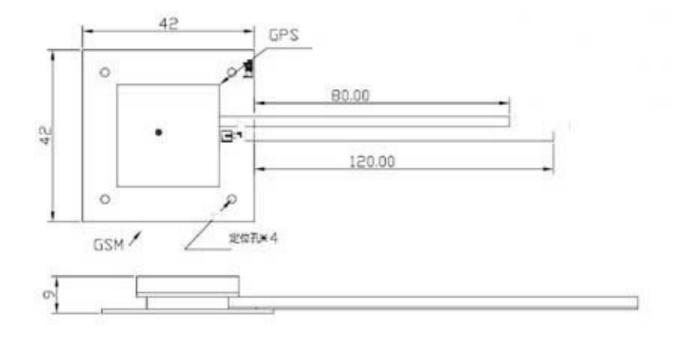
| Part Number | Description | Weight | Operating Temp |
|---------------|-------------------------|--------|--|
| ANT-GSMGPSPCB | GSM / GPS Combo Antenna | 190g | $-30 \text{ to } + 80^{\circ}\text{C}$ |



GSMGPSPCB



Mechanical Detail



GPS

- 1575.42MHz +/- 1MHz
- Gain: 28dB typ
- Noise Figure 1.5max
- VSWR < 2.5:1
- Attenuation 20dBmin at fo /-50MHz
- 50ohm Impedance coax 80mm
- iPex/UFL Connector
- Power 2.8—5.5V / 28mA
- Polarisation: RHCP
- (Right Hand Circular)
- Operating temp -35 to +95°C

GSM

- Quad Band Antenna
 824-960 /1710-1990MHz
- Active gain: +2 3dBi
- VSWR < 2.5:1
- 50ohm Impedance coax 120mm
- Vertical Polarisation
- iPex/UFL Connector
- Max Power 10W
- Operating temp -35 to +95°C



GSMGPSPCB



RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

DO NOT

Discard with normal waste, please recycle.

ROHS Directive 2011/65/EU and amendment 2015/863/EU

Specifies certain limits for hazardous substances.

WEEE Directive 2012/19/EU

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme.

Environment Agency Producer Registration Number: WEE/JB0104WV.

Disclaimer:

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 specification(s). 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.

RF Solutions Ltd

William Alexander House, William Way, Burgess Hill, West Sussex, RH15 9AG Sales: +44 (0)1444 227900 | Support: +44 (0)1444 227909

Waste Batteries and Accumulators Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

www.rfsolutions.co.uk