

## Quad-Band Antenna for World-Wide Use

### 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

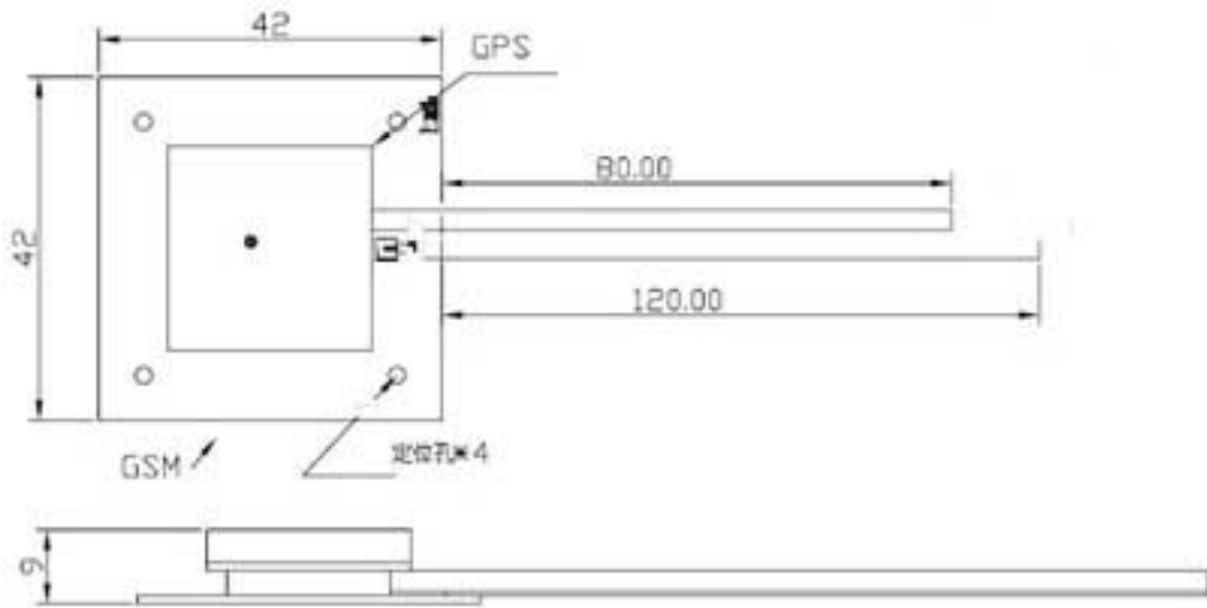
### Description

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 to +80°C

## 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

### 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

## **RF Solutions Ltd. Recycling Notice Meets the following EC Directives:**

### **DO NOT**

Discard with normal waste, please recycle.

### **ROHS Directive 2002/95/EC**

Specifies certain limits for hazardous substances.

### **WEEE Directive 2002/96/EC**

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.

### **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.

Environment Agency producer registration number: WEE/JB0104WV.

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