



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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### Key Features

- Compact size (72mm x 25mm)
- 2 dBi gain
- Mounts on any non metallic surface
- Quad band GSM, 3G and WiFi
- ISM: 868 and 915MHz
- RoHS compliant



### General Description

Siretta Alpha 3A multi band antennas are based on an efficiently tuned PCB element that is matched with a wide variety of RF & M2M modules, operating on quad band GSM, 3G, ISM and WiFi frequencies. It is designed as a ready to go antenna which fits most telemetry products.

Already proven in many applications where space is at a premium, this product is ideal as it is ground plane independent and compact, making it a popular choice where the user does not want to draw attention to having telemetry equipment on board.

With an EndFed cable and measuring just 72 x 25mm this version comes with its own adhesive mounting pad and is supplied with various cable length and connector options.

### Additional Considerations

- Mounts discretely in installation, good for covert use
- Operates on all quad band GSM and 3G cellular networks
- ISM and WiFi capable
- Meets all EU compliance criteria for electronic goods
- Intended for internal to equipment use

Rev 1.4

### Key Specifications - Electrical

Temperature range:	-40 to +85°C
Impedance:	50 ohm
V.S.W.R.:	<2.0
Frequency range:	824~894/1710~2170/ 2400~2500MHz
Polarization:	Linear

### Key Specifications - Mechanical

Dimensions:	72 x 25 x 2.5mm
Cable:	RG174
Connector:	SMA, FME, MMCX, Fakra and others
Mounting method:	Adhesive

### Gain

#### ISM

868MHz:	1.9dBi
915MHz:	3dBi

#### GSM

850MHz:	1dBi
900MHz:	2.08dBi
1800MHz:	-0.44dBi
1900MHz:	-2.32dBi

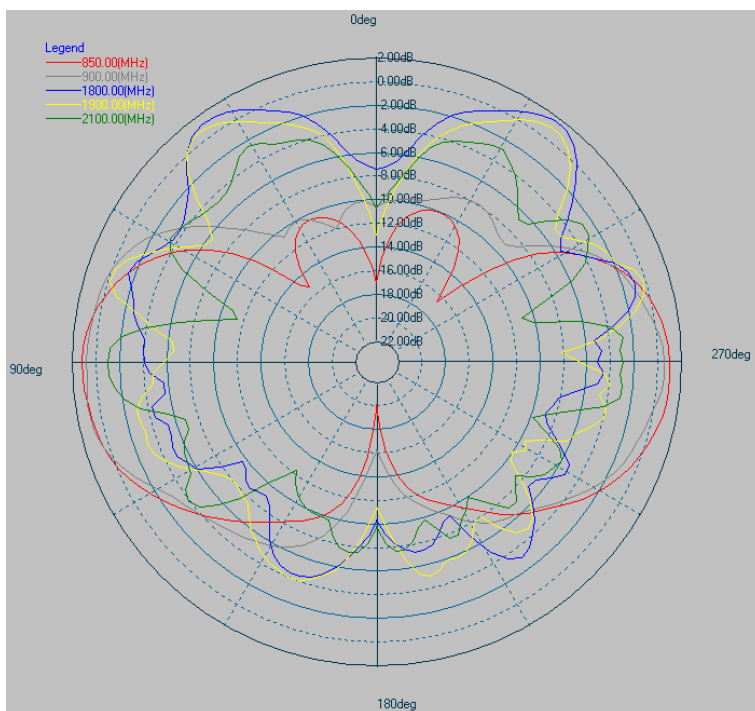
#### 3G

2100MHz:	2.62dBi
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#### WiFi

2400MHz	1dBi
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## Gain vs. Frequency Graph



**UL Tested (Basingstoke, UK)**  
Part: ALPHA3A/3M/SMAM/S/S/26

## Ordering Details

Part Number	Description
ALPHA3A/3M/SMAM/S/S/26	Quad Band GSM/GPRS/3G/ISM and WiFi Antenna, 3M Cable, SMA Male Connector