Siretta
inspired wireless technology

Alpha 3A

GSM/GPRS, 3G, ISM and WiFi Adhesive Mount Antenna

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

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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

WiFi

2400MHz	1dBi

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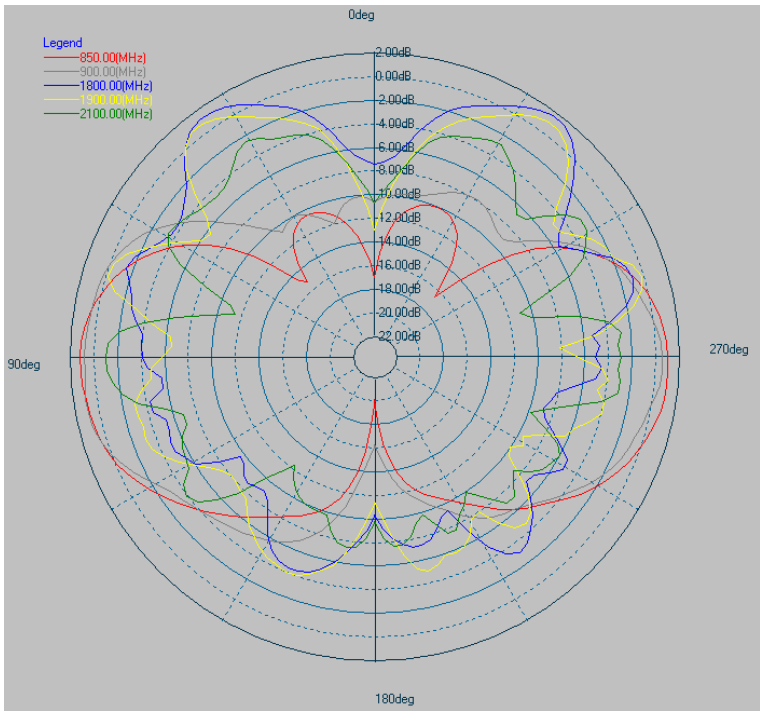
Gain vs. Frequency Graph



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

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