



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Key Features

- Magnetic mount
- Flexible connector and cable options
- Quad band GSM & 3G frequencies
- RoHS compliant
- 3dBi gain
- 105mm x 35mm Ø

General Description

The Siretta Mike 1A magnetic mount antenna is a very popular, versatile antenna used by many users of GSM/ GPRS & 3G.

With a variety of connector options and cable lengths, this unit is ideally suited to metering or alarm panels as well as manufacturers evaluation kits as it provides a fast, reliable fit for installers.

Additional Considerations

- Great for temporary installations, evaluation kits or on metal surfaces
- Allows easy selection and quick integration to metal surfaces
- Operates on all 4 worldwide cellular network frequencies
- Meets all EU compliance criteria for electronic goods

Rev 1.4

Key Specifications - Electrical

Temperature range:	-45 to +75°C
Impedance:	50 ohm
Gain:	3dBi
VSWR:	≤1.5
Max input power:	60W
Operating frequency:	850-900, 1800-1900, 2100MHz
Polarization:	Vertical
Radiating element:	Whip

Key Specifications - Mechanical

Dimensions:	105mm x 34mm Ø
Cable:	RG174
Connector:	Please refer to options table below
Mounting method:	Magnetic

Gain

GSM

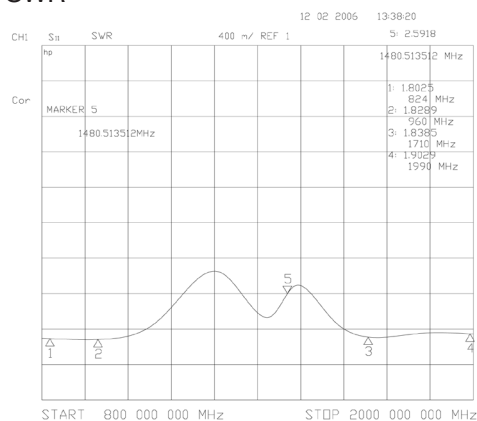
850MHz:	3.78dBi
900MHz:	4.33dBi
1800MHz:	-9.18dBi
1900MHz:	-7.99dBi

3G

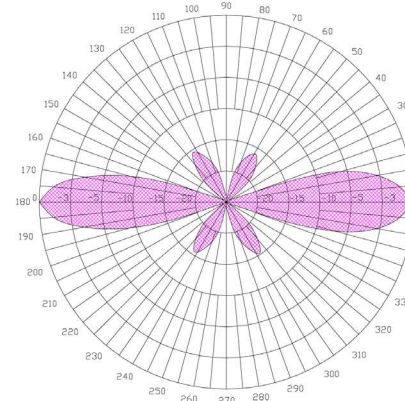
2100MHz:	-3.42dBi
----------	----------

Test Reports

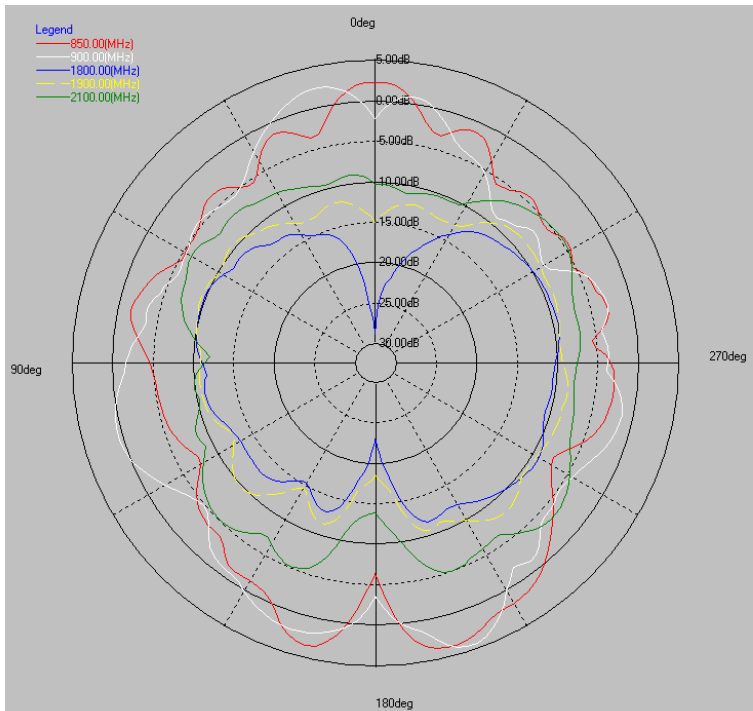
VSWR



Radiation Pattern



Gain vs. Frequency Graph



UL Tested (Basingstoke, UK)
Part: MIKE 1A

Ordering Details:

Part Number	Description
MIKE1A/1.2M/SMAM/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 1.2m Cable, SMA Male Connector
MIKE1A/2.5M/SMAM/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 2.5m Cable, SMA Male Connector
MIKE1A/2.5M/FMEF/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 2.5m Cable, FME Female Connector
MIKE1A/5M/FMEF/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 5m Cable, FME Female Connector
MIKE1A/5M/SMAM/S/S/20	Stubby Magnetic Mount Quad Band GSM & 3G Antenna, 5m Cable, SMA Male Connector