



Mike 1A

2G & 3G 1/4 Wave Whip Magnetic Antenna



Key Features

- Magnetic mount
- Quad band 2G GSM/GPRS & 3G frequencies
- 4.3dBi Peak Gain

General Description

The Mike 1A magnetic mount antenna is a popular, versatile antenna used by many users of GSM/GPRS (2G) & 3G applications.

The antenna exhibits best gains within the lower frequency band.

Typical applications for this antenna are utility metering, alarm panels and sensor monitoring.

A variety of connector options and cable lengths are available and others can be specified for volume orders

Additional Considerations

- Operates on all 4 worldwide cellular network frequencies
- Meets all EU compliance criteria for electronic goods





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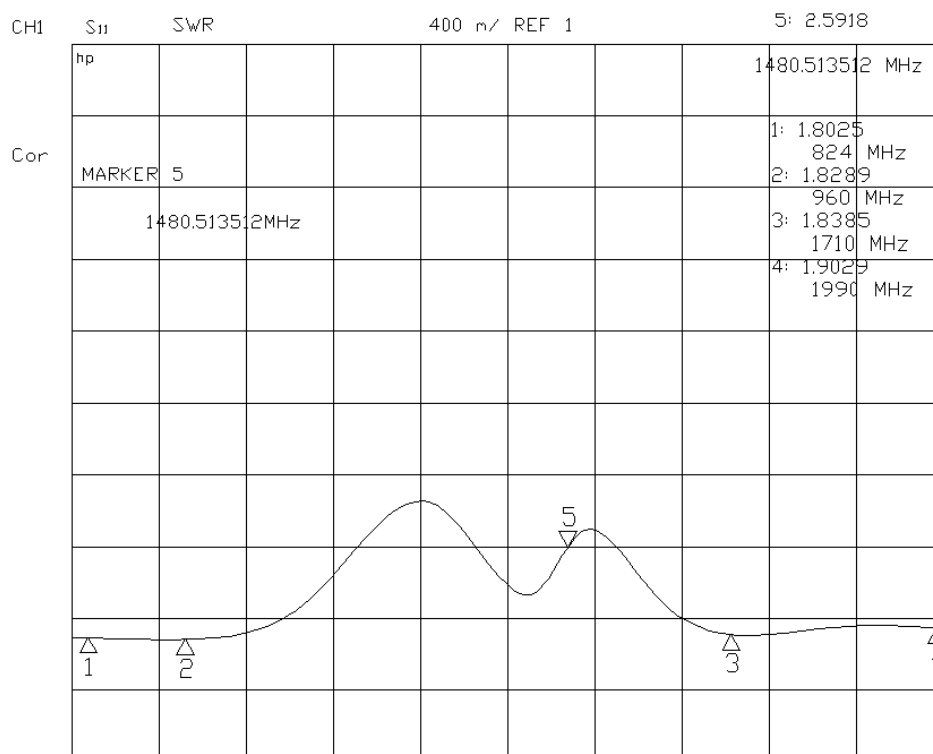
Electrical Specifications

Temperature Range:	-45 - +75°C
Impedance:	50 Ohm
Peak Gain:	4.3dBi
VSWR:	≤2
Max Input Power:	60W
Operating Frequency:	850-900, 1800-1900, 2100MHz
Polarization:	Vertical
Radiating Element:	Whip

Mechanical Specifications

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

VSWR

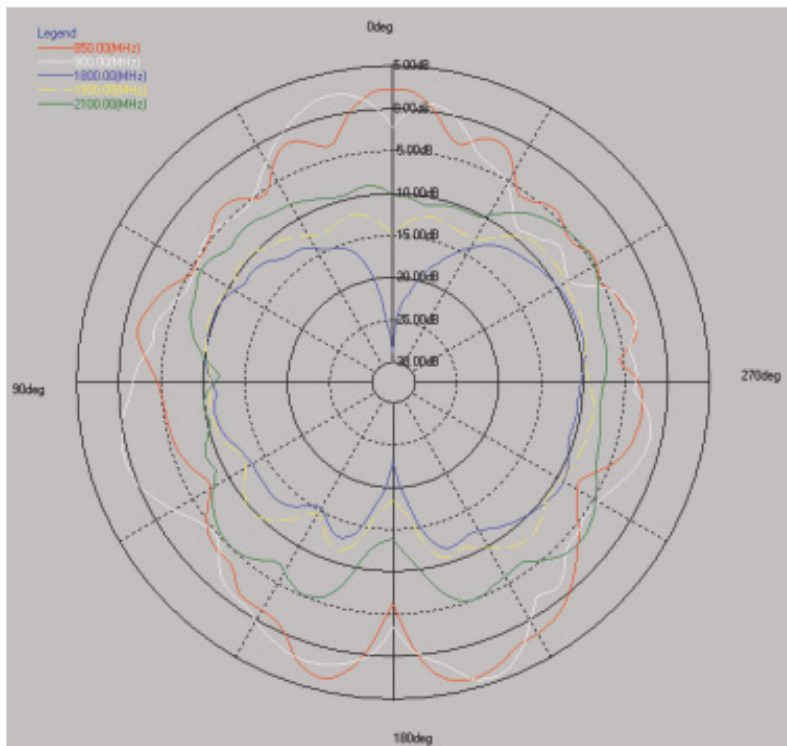




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Radiation Plots



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

Mouser Electronics

Authorized Distributor

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