



Alpha 14

GSM / GPRS (2G), UMTS (3G) & ISM Blade Antenna



Key Features

- 2G, 3G & ISM compatible
- Low profile of 3mm
- Small footprint
- 2.7dBi peak gain
- ISM: 868 and 915MHz

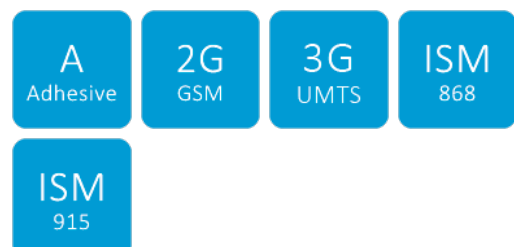
General Description

The Alpha 14 is one of the most compact adhesive antenna, with a slim low profile design. Typically used for applications such as smart energy meters or telemetry equipment. Supplied with a 3M™ adhesive base.

The Alpha 14 is tuned to quad band GSM / GPRS (2G), UMTS (3G) and ISM 868MHz & 915MHz frequencies, allowing for worldwide use.

Additional Considerations

- Low profile design makes it ideal for covert applications
- Intended for indoor use
- Quad band 2G & 3G compatible for worldwide use



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Dielectric Antenna

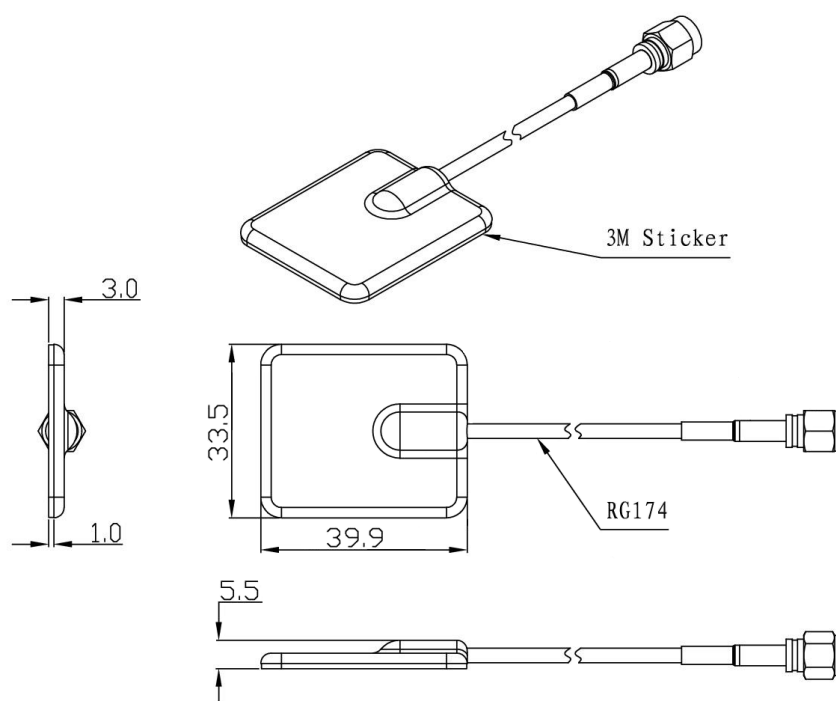
Frequency Range:	824-960/1710-2170MHz
Polarization:	Linear
Gain:	2dBi
VSWR:	<2.0
Impedance:	50 Ohm

Mechanical Specifications

Dimensions:	L39.9 x W33.5 x H5.5mm
Cable:	RG174
Connector:	SMA Male
Mounting method:	Adhesive
Radome material:	ABS

Environmental Specifications

Operating Temperature:	-40 - +85°C
Relative Humidity:	Up to 95%



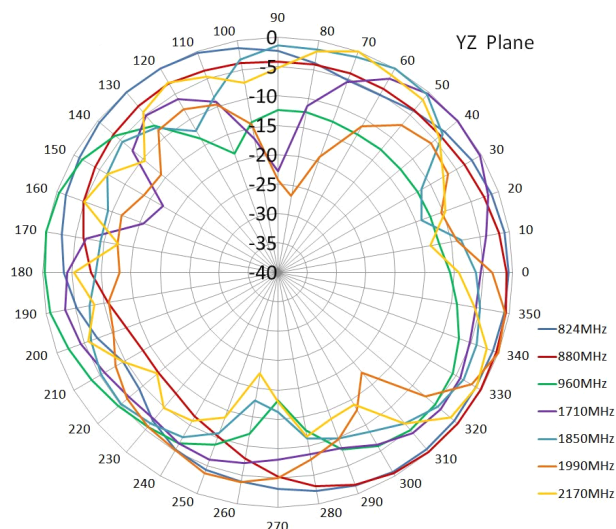
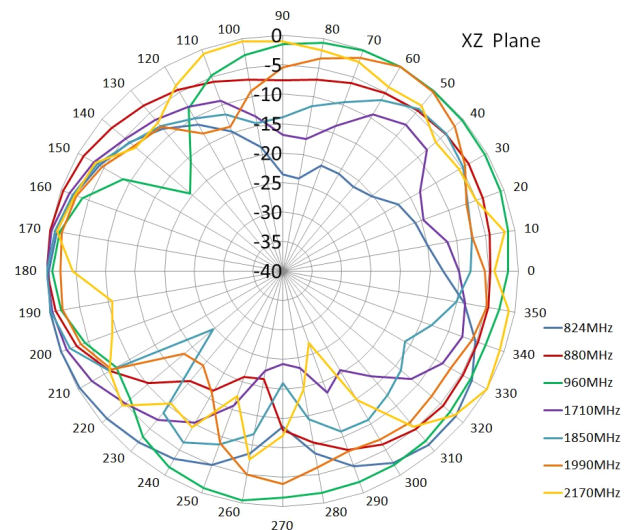
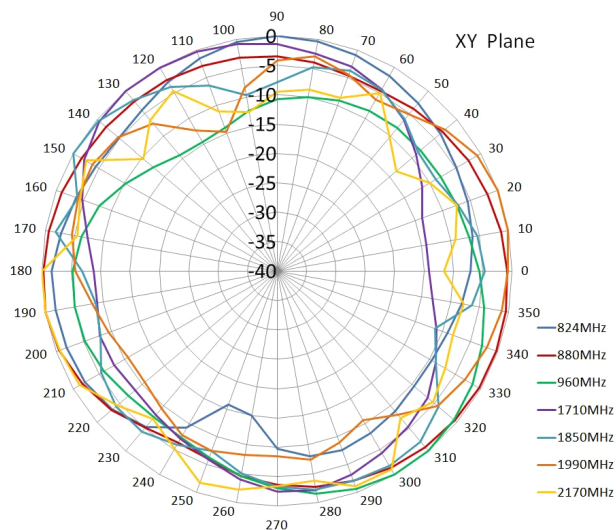
Unit = mm



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Radiation Plots



Ordering Details

Part Number	Description
ALPHA14/0.5M/SMAM/S/S/26	GSM / GPRS (2G), UMTS (3G) & ISM Blade Antenna 0.5m Cable SMA Male
ALPHA14/2.5M/SMAM/S/S/26	GSM / GPRS (2G), UMTS (3G) & ISM Blade Antenna 2.5m Cable SMA Male

Mouser Electronics

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