

# AMT-GSM-M3

## GSM/3G magnetic antenna

### **GSM/3G antenna**

- 824 – 960 MHz

- 1710 - 2170 MHz

Magnetic Mount

Customizable Connector and Cable length



Max dimensions 311 x 40 mm



## 1. Specifications

Parameters	GSM/3G Antenna	
<b>Standards</b>	2G and 3G	
<b>Frequency (MHz)</b>	800-960	1710-2170
<b>Return Loss (dB)</b>	~14	~14.5
<b>VSWR</b>	~1.6:1	~1.5:1
<b>Efficiency (%)</b>	~58	~47
<b>Peak Gain (dBi)</b>	~6.3	~7
<b>Impedance (Ohm)</b>	50	
<b>Polarisation</b>	Linear	
<b>Radiation Pattern</b>	Omni-Directional	
<b>Max. Input Power (W)</b>	25	
<b>Connector Type</b>	SMA-Male Gold Standard *	

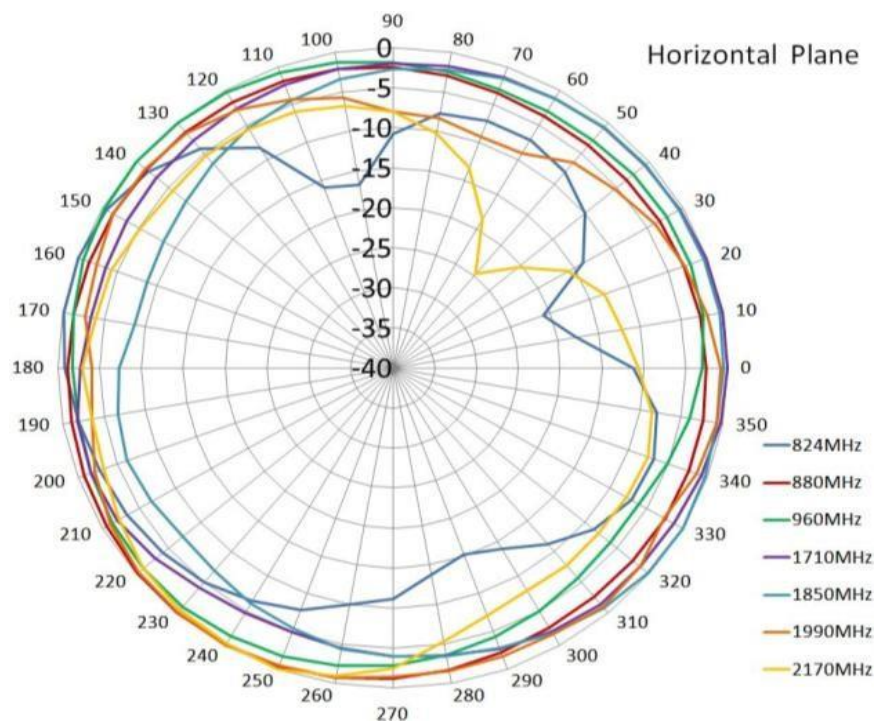


\*Connector type, cable length and cable type is available.

## 2. Mechanical and environmental specifications

Specifications	AMT-GSM-M3
<b>Mounting Type</b>	Magnetic mount
<b>Max dimensions (mm)</b>	311 x 40
<b>Radome</b>	ABS
<b>Radome color</b>	Black
<b>Operating Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS
<b>Vibration</b>	10 to 55Hz with 1.5mm amplitude 2hours

## 3. Radiation pattern







#### 4. Antenna drawing

