



PRODUCT DATASHEET  
**MG-LTE072-900SMA**

**Type** Antenna GSM/4G  
**Frequencies** 698~960/1710~2690 MHz  
**Mounting** Screw  
**Brand Name** MG ANTENNAS



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## 1. SPECIFICATION

### 1.1 Electrical Specifications

#### Cable 1- GSM /4G

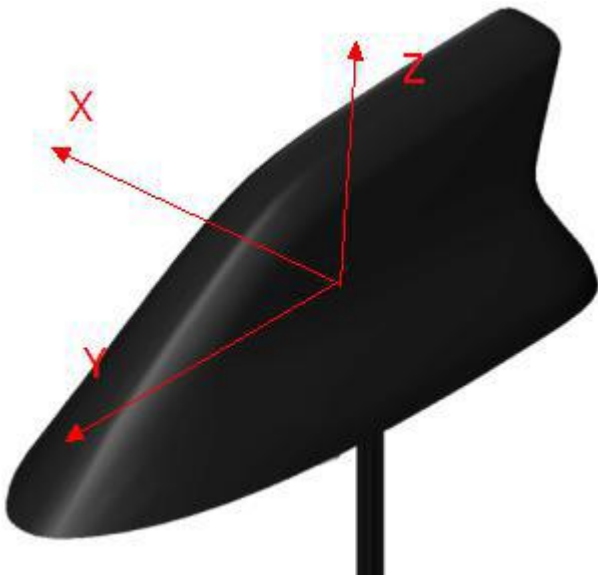
Frequency	698~960/1710~2690 MHz
Polarization	Linear
Peak Gain	2dBi / 3.5dBi (Zenith)
VSWR	2.5 :1
Impedance	50 $\Omega$

### 1.2 Mechanical and Environmental Specification

Cable (type and length)	RG174, 9m <i>or other*</i>
Connector	SMA male / <i>or other*</i>
Housing Color	Black
Mounting	Screw
Dimensions	181.7 x 68.9(W) x 69.1(H) mm
Operating/ Storage Temperature	- 40 ~ + 85 °C
Vibration	10 to 1000Hz G=28.7m/s <sup>2</sup>
Ingress Protection	IP67 (exclude cable outlet)
Relative Humidity	Up to 95%
Environmentally Friendly	ROHS Compliant

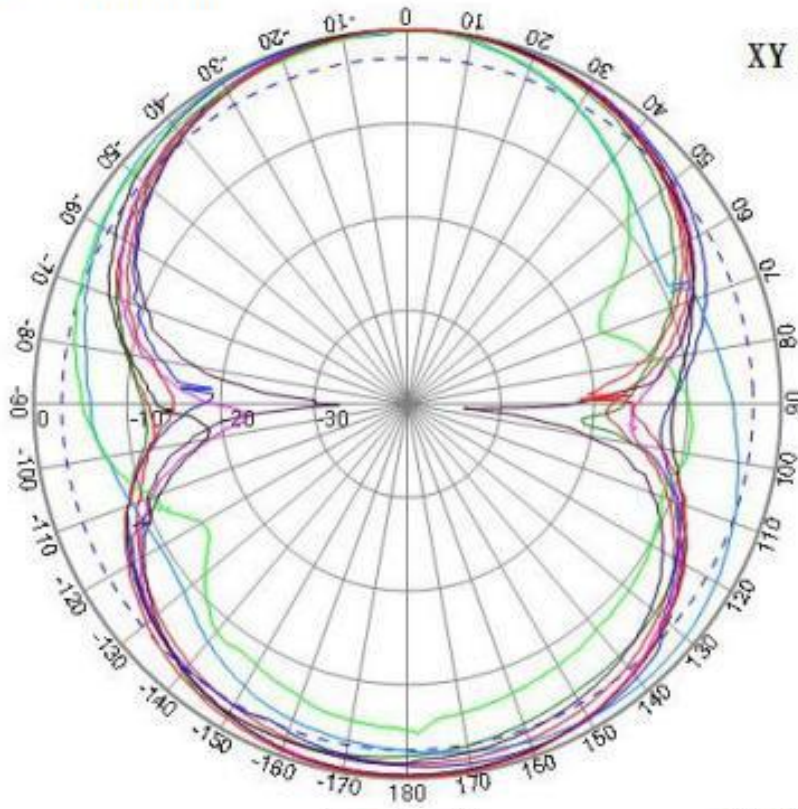
\* Customizable Cable and Connector

## 2. MEASUREMENT



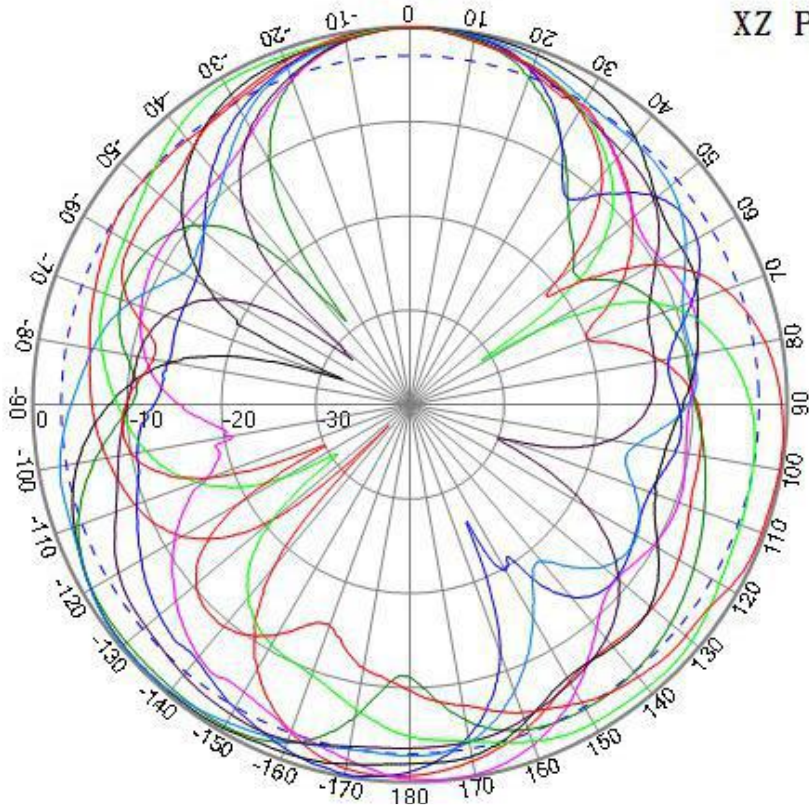
# LTE Antenna

## XY PLANE

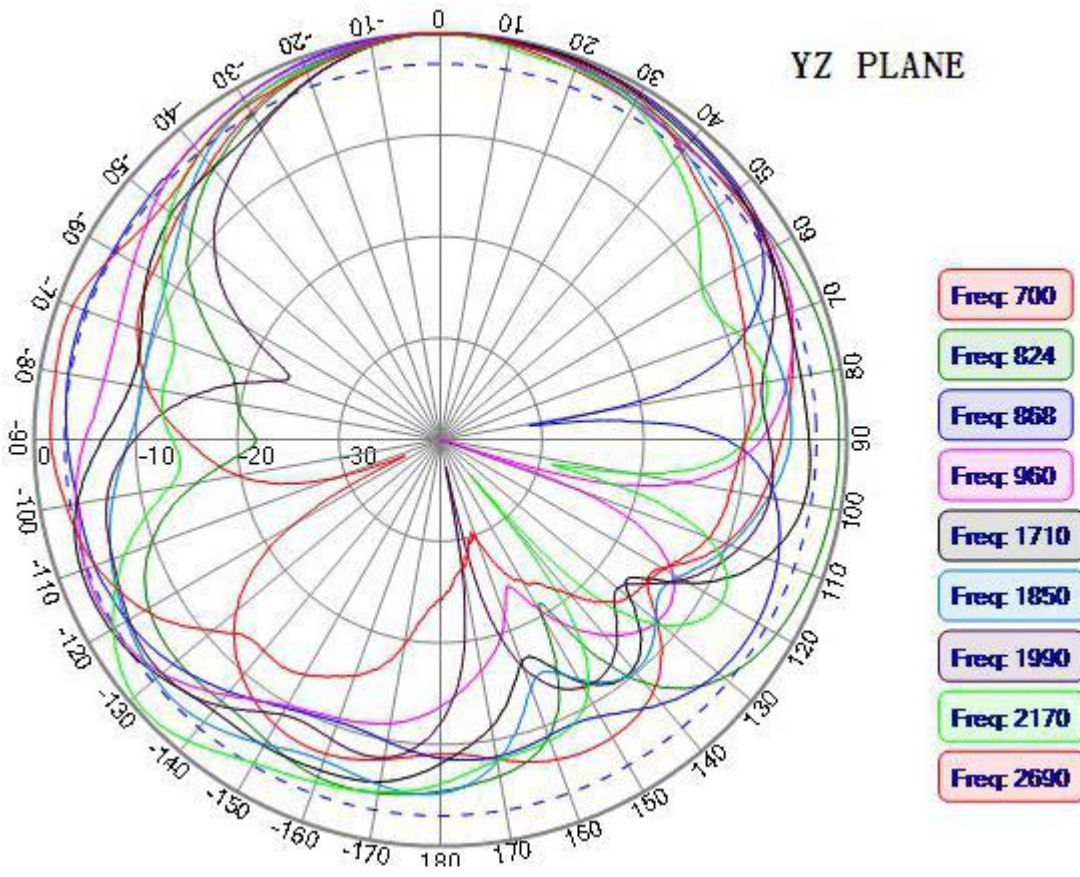


- Freq: 700
- Freq: 824
- Freq: 858
- Freq: 960
- Freq: 1710
- Freq: 1850
- Freq: 1990
- Freq: 2170
- Freq: 2690

## XZ PLANE



- Freq: 700
- Freq: 824
- Freq: 858
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### 3. DIMENSIONS

