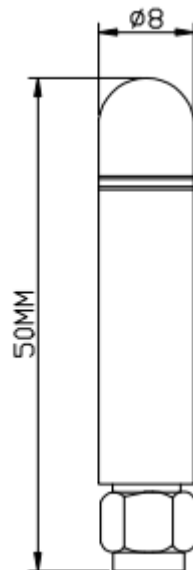




## DATASHEET

# MG-GSM-R1-03

|                    |                      |
|--------------------|----------------------|
| <b>Type</b>        | <b>GSM antenna</b>   |
| <b>Frequencies</b> | 890-960/1710-1880MHz |
| <b>Mounting</b>    | Connector Mount      |
| <b>Brand Name</b>  | MG ANTENNAS          |



| Revision # | Content         | Page | Date       |
|------------|-----------------|------|------------|
| 0          | First, document | -    | 13.08.2017 |

# 1. SPECIFICATION

## 1.1 Electrical Specifications

|                     |                      |
|---------------------|----------------------|
| <b>Frequency</b>    | 890-960/1710-1880MHz |
| <b>Polarization</b> | Vertical             |
| <b>Gain</b>         | 2.5 dBi              |
| <b>Max power</b>    | 10 W                 |
| <b>VSWR</b>         | 2 :1                 |
| <b>Impedance</b>    | 50 $\Omega$          |

## 1.2 Mechanical specifications

|                                |                        |
|--------------------------------|------------------------|
| <b>Cable (type and length)</b> | -                      |
| <b>Connector</b>               | SMA straight male Gold |
| <b>Housing Color</b>           | Black                  |
| <b>Mounting</b>                | Connector Mount        |
| <b>Dimensions</b>              | 50*8 mm                |
| <b>Weight</b>                  | <10g                   |

## 1.3 Environmental specifications

|                                  |           |
|----------------------------------|-----------|
| <b>Operating Temperature, °C</b> | -40 ~ +85 |
| <b>Operating Humidity, %</b>     | 0 ~ 95    |
| <b>Storage Temperature, °C</b>   | -40 ~ +85 |
| <b>Storage Humidity, %</b>       | 0 ~ 95    |

## 2. MEASUREMENT

