

# OUTSIDE GSM/LTE ANTENNA

## MODEL: GSM-100D



### 1. GENERAL DESCRIPTION

Model No
GSM100D

Below is a table summarizing the antenna design specification.

#### 1.1 Electrical Properties

Parameter	Description
Frequency Band	690~960 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Note: Gain includes the cable loss	

#### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	Base Antenna
Antenna Cover	Fiber
Connector Type	N (Female)
Antenna Dimensions	756mm $\pm$ 20
Antenna Color	White

Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

## 2. Appearance

NO.	NAME	Q. TY
01	Body	01
02	Cap	01
03	Tube aluminium	01
04	Round iron washer	01
05	Hexagonal nut	01
06	Clip retaining	02
07	U-Circlip	02
08	Hexagonal nut	02
09	Round iron washer	04
10	Hexagonal nut	04
11	Hexagonal plate hand	01

 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
	TOLERANCE	X. XX±0.15	NAME	690-960Mhz	M/M			1
	SURFACE ROUGHNESS		APPEARANCE	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED

## 3. Return Loss, V.S.W.R. and Smith Chart



