




# SPECIFICATION SHEET

## CELLULAR ANTENNA

MESSERS.	
DESCRIPTION	GSM/3G ANTENNA
PART No.	FES-70BD

ACCEPTANCE		
PREPARED	CHECKED	APPROVED
/	/	/

SUPPLIER		
PREPARED	CHECKED	APPROVED
		
09/05	09/05	09/05

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◆ REVISION HISTORY

NO	DATE	REVISION	NOTE	AUTHORS
1	2024.09.05	00	First Draft	LEE.

### ◆ APPLICATIONS

- MOBILE STATION, BASE STATION SYSTEM
- VOICE CALLS SHORT MESSAGES
- VEHICLE TRACKING ENERGY SYSTEM, MOBILE TV etc. OTHERS

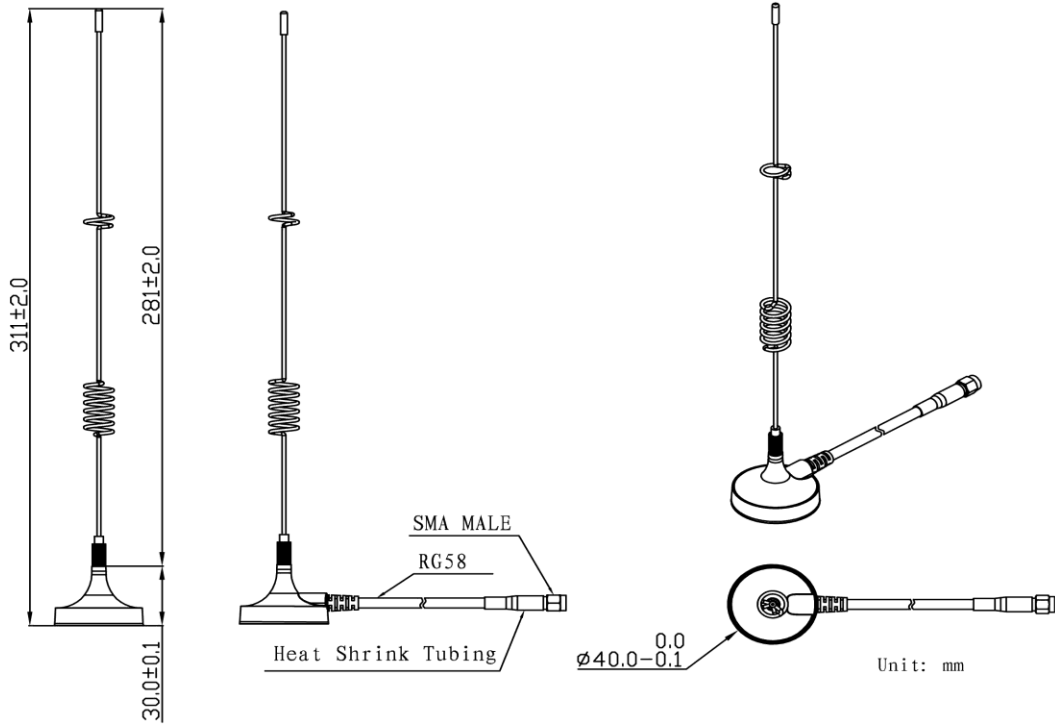
### ◆ ELECTRICAL SPECIFICATION

ITEM		SPECIFICATIONS
Antenna	Frequency Range	824~960/1710~2170MHz
	Polarization	Linear
	Gain	5.0dBi (Zenith)
	V.S.W.R	< 2.0
	Impedance	50Ω

### ◆ MECHANICAL AND ENVIRONMENTAL SPECIFICATION

ITEM	SPECIFICATIONS
Cable	RG58
Connector	SMA or others
Mounting Method	Magnet
Dimensions	Ø40.0x311.0±2.0mm
Operating Temperature	-40°C~+85°C
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Environmentally Friendly	ROHS Compliant

### ◆ ANTENNA DIMENSION

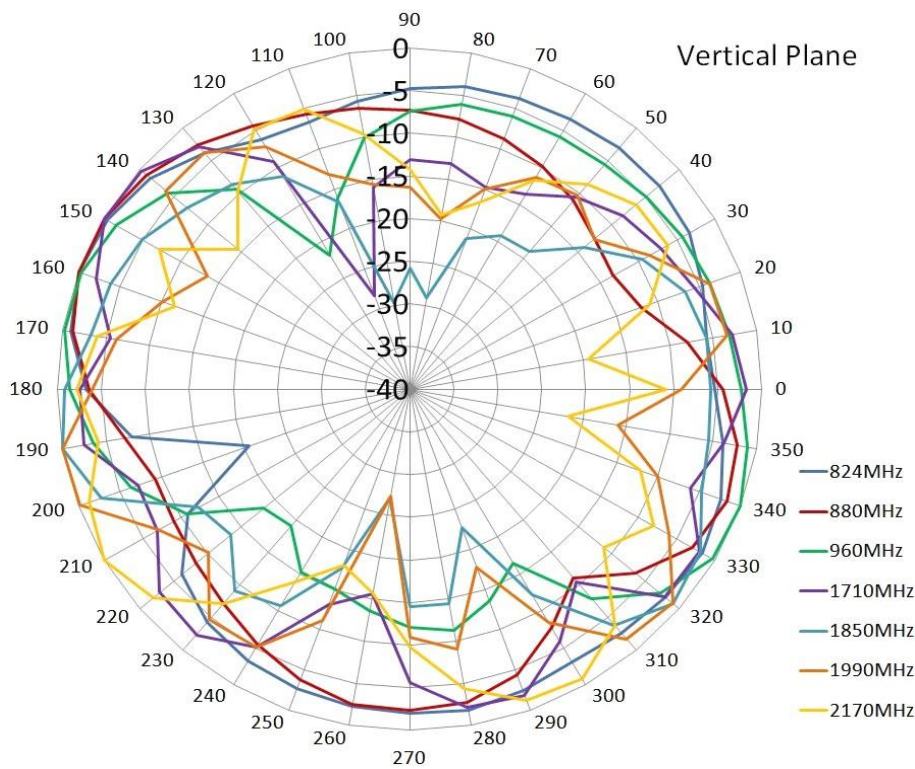
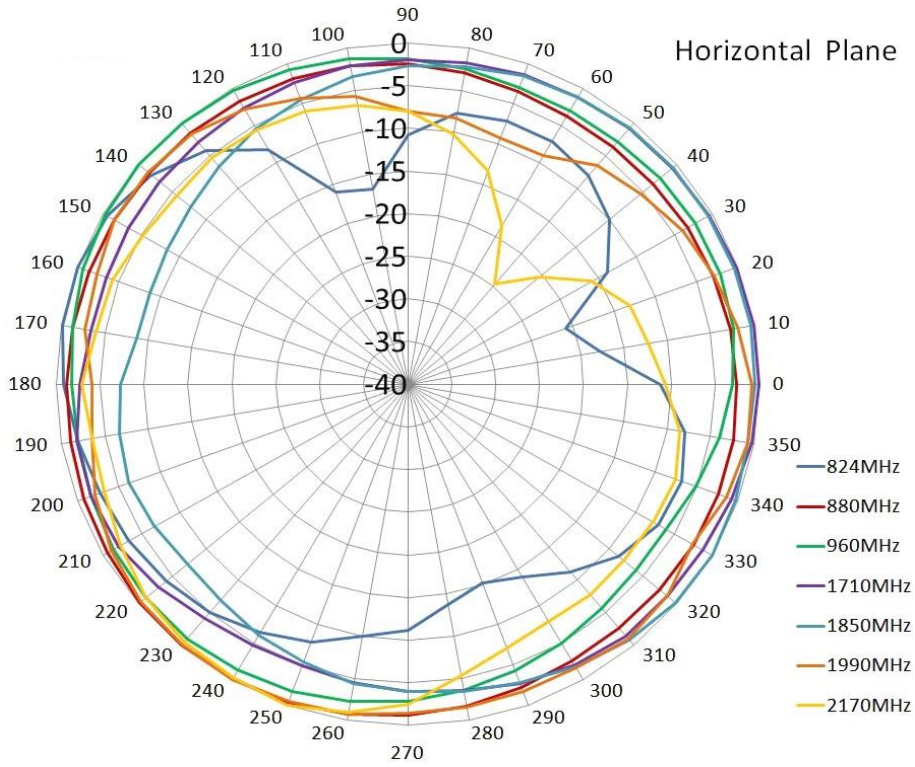


### ➤ Customizable Cable and Connector

### ● ANTENNA IMAGE



◆ RADIATION PATTERN



**❖ 2G/3G FREQUENCY BAND**

<b>GSM/DCS/PCS/CDMA/GPRS BANDS</b>	
<b>Bands</b>	<b>Frequency</b>
<b>GSM850</b>	<b>824-896MHz</b>
<b>GSM900</b>	<b>880-960MHz</b>
<b>DCS</b>	<b>1710-1880MHz</b>
<b>PCS</b>	<b>1850-1990MHz</b>
<b>CDMA</b>	<b>1920-2170MHz</b>