




# SPECIFICATION SHEET

## 5G NR Antenna

<b>MESSERS.</b>	
<b>DESCRIPTION</b>	<b>5G ANTENNA</b>
<b>PART No.</b>	<b>FES-70AGNR</b>

ACCEPTANCE		
PREPARED	CHECKED	APPROVED
/	/	/

SUPPLIER		
PREPARED	CHECKED	APPROVED
		
<b>09/05</b>	<b>09/05</b>	<b>09/05</b>

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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
- SMART GRID AUTOMATION, REMOTE SURVEILLANCE
- SMART TRAFFIC MANAGEMENT, SMART METERS
- VEHICLE TRACKING ENERGY SYSTEM, MOBILE TV etc. OTHERS

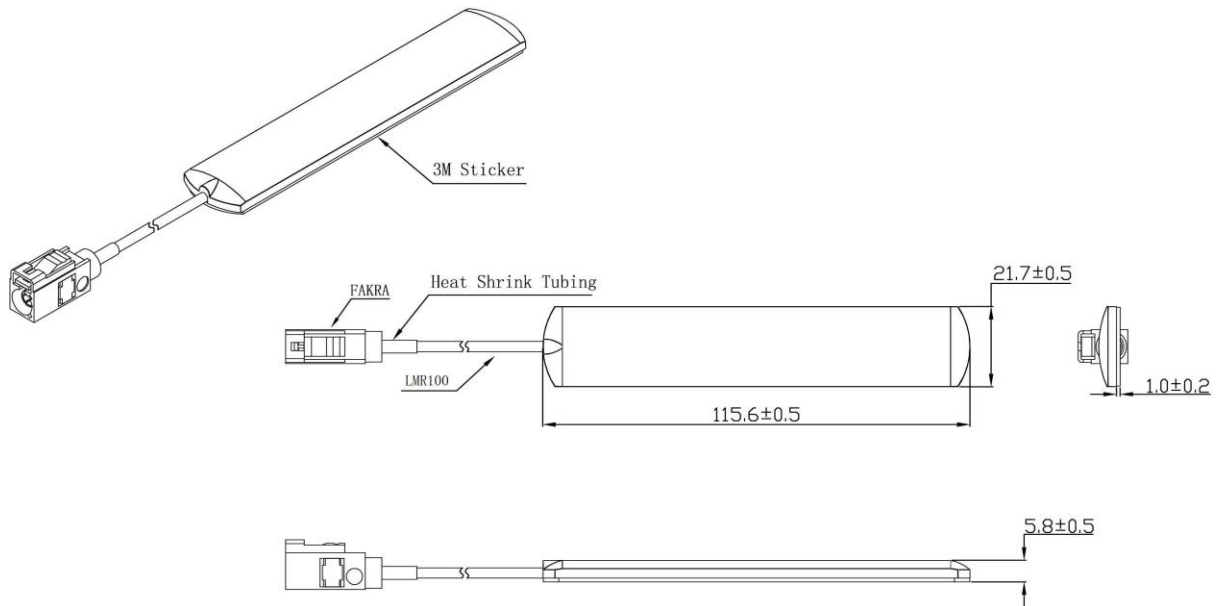
### ◆ ELECTRICAL SPECIFICATION

ITEM		SPECIFICATIONS
Antenna	Frequency Range	617~960/1710~2690/3300~3800/4400~4900MHz
	Polarization	Linear
	Gain	2.0dBi (Zenith)
	V.S.W.R	< 3.0
	Impedance	50Ω

### ◆ MECHANICAL AND ENVIRONMENTAL SPECIFICATION

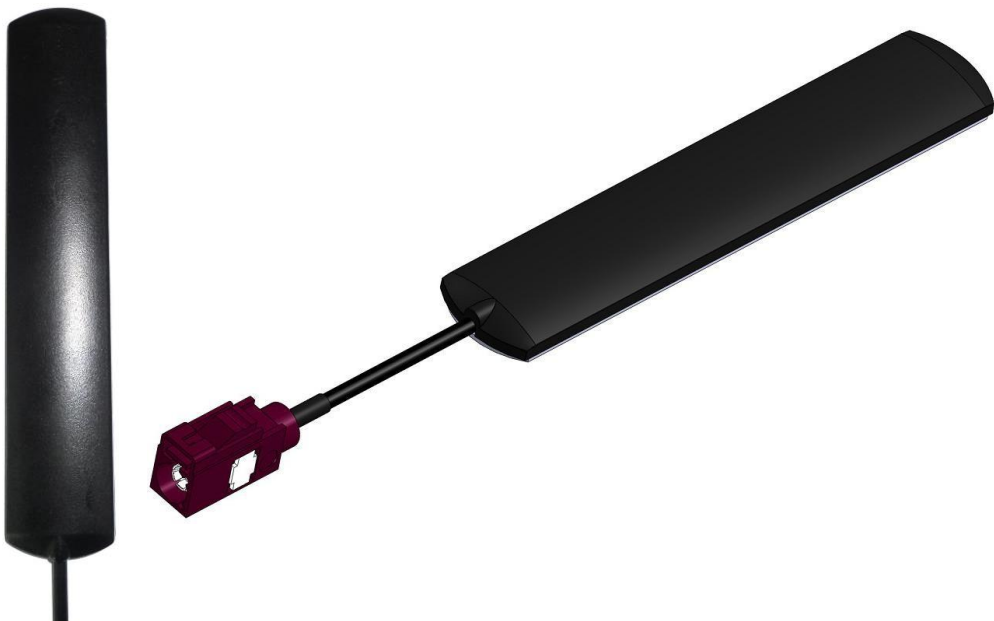
ITEM	SPECIFICATIONS
Cable	LMR100 or others
Connector	FAKRA/SMA or others
Mounting Method	Adhesive
Dimensions	115.6x21.7x5.8±0.5mm
Operating Temperature	-40°C~+85°C
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Environmentally Friendly	ROHS Compliant

## ◆ ANTENNA DIMENSION

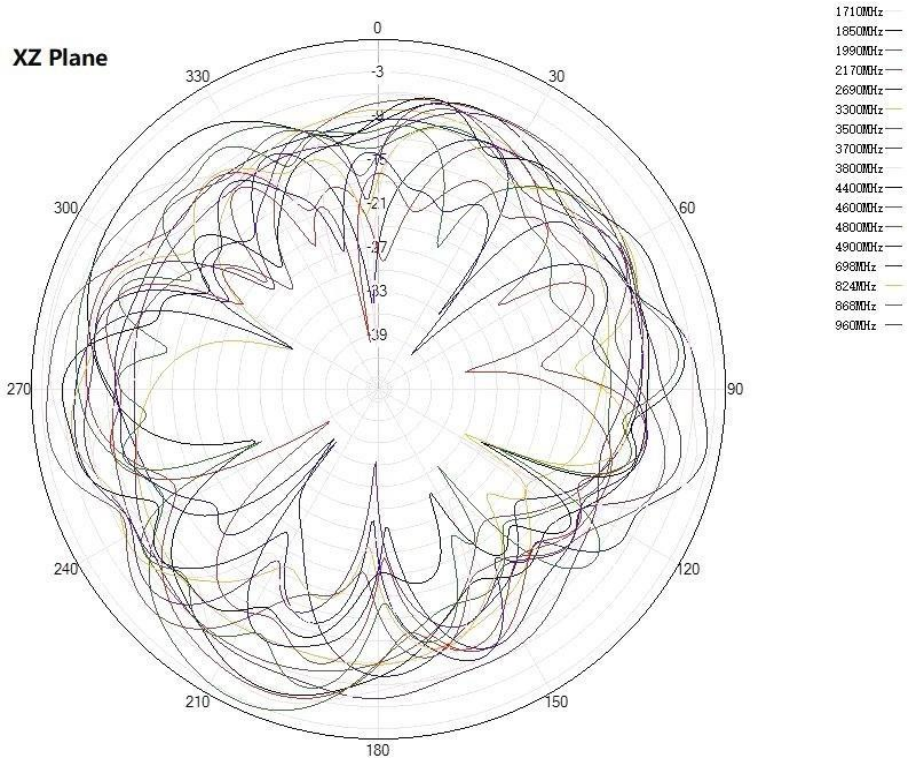
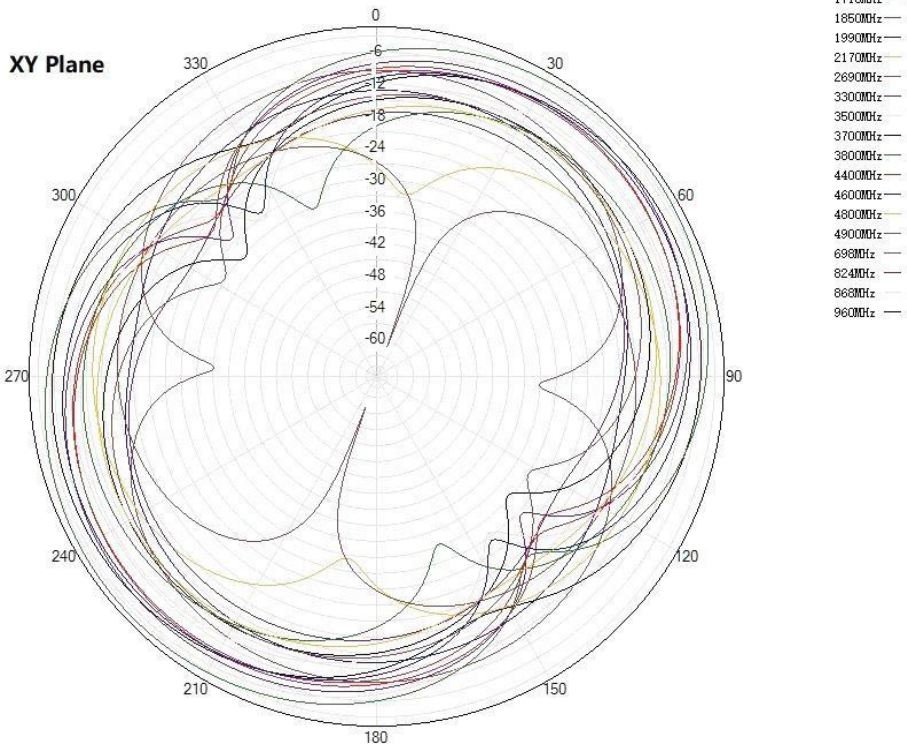


## ➤ Customizable Cable and Connector

## ● Antenna Image



◆ RADIATION PATTERN



◆ RADIATION PATTERN

