

## RBxM-44-SS-x MiMo 3g/4g/LTE



The RFBMax antenna RBxM--44-SS-x is a 8 x 3.5 inch, low profile (1.77 inch high) “brick” style antenna for MiMo 3G/4G/LTE Cellular applications. This unit was designed for use in the digital signage market to optimize the use of cellular backhaul to upload & download messaging to remote digital signs. This unit is low profile, vandal proof, easy to install with direct or magnetic mounting, IP65 rated for use indoors or outdoors. The antenna includes dual 3 foot long, low loss cables and SMA male/TNC male connectors for attaching to a cellular modem or gateway.

- 2 x Wideband Cellular/LTE Elements (MIMO)
- 3 x 2.4/4.9-6Ghz Diversity Spaced Wi-Fi Elements
- 1 x High Rejection GNSS Antenna with LNA
- Lower profile and smaller footprint
- Built-in Ground Plane
- Available in black or white



CUSTOMIZABLE



LTE

### **Example of Part Numbers:**

RBDM-44-SS-3

RBDM-44-SS-6

### Part Numbers Configurator:

RB	D	G	4	W	3/6	SS	B
Model	Direct/Mag Mount	GPS	Cell	#WiFi	Coax Length (feet)	Connectors (SMA, RPSMA, TNC)	Color (Black/White)

## ELECTRICAL DATA

Frequency 1	698-894 MHz
Frequency 2	1710-2690 MHz
Gain 1	1.5 dBi
Gain 2	4.5 dBi
VSWR	<2.5
Material	UV Stable, UL94 Radome

## MECHANICAL DATA

Color	Black
Dimensions	7.6"x3.43"x1.3"
Mounting	Direct or Magnetic Mount
Cable Length	Customizable
Connector	Customizable
Material	UV Stable, UL94 Radome

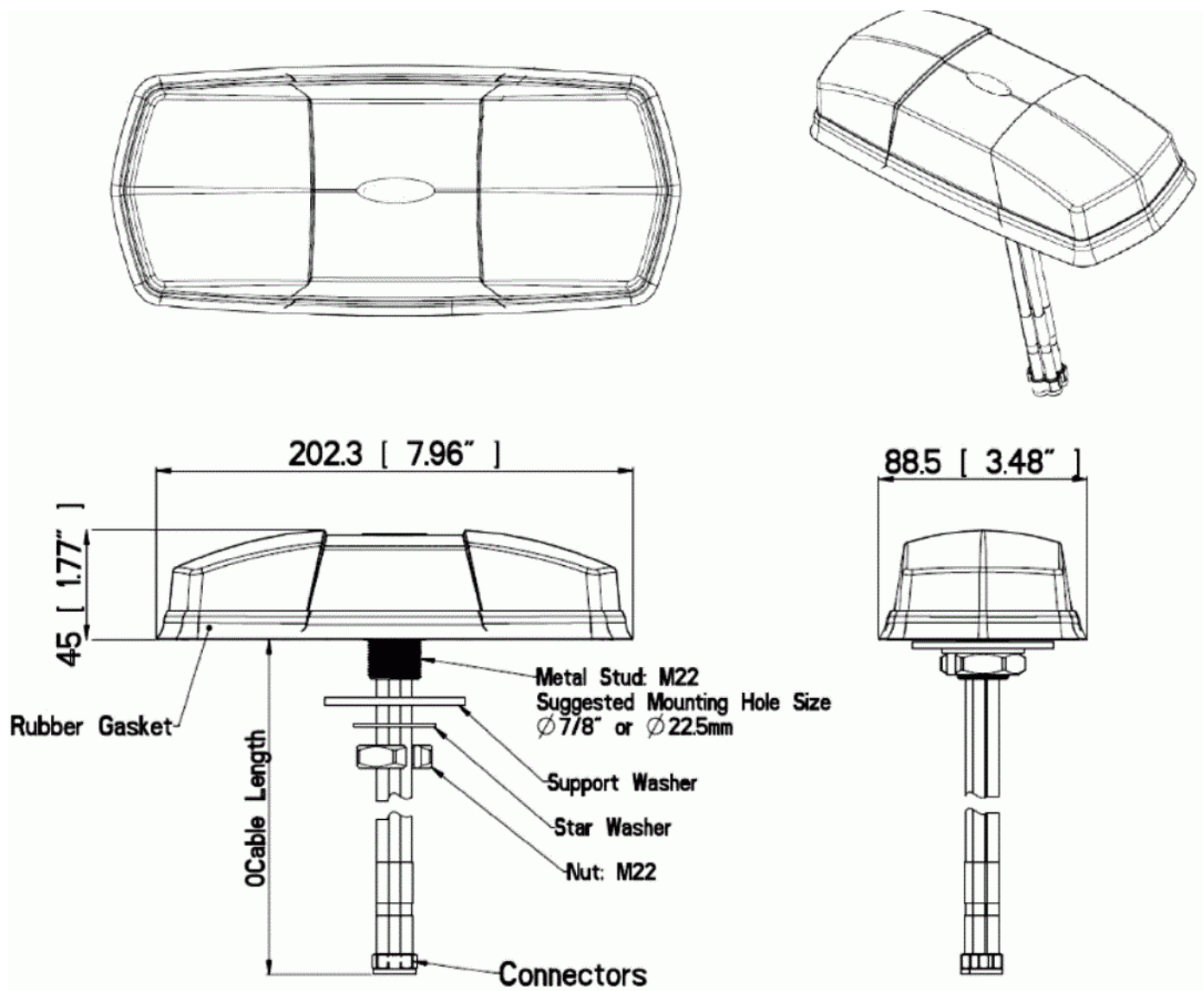


## ENVIRONMENTAL DATA

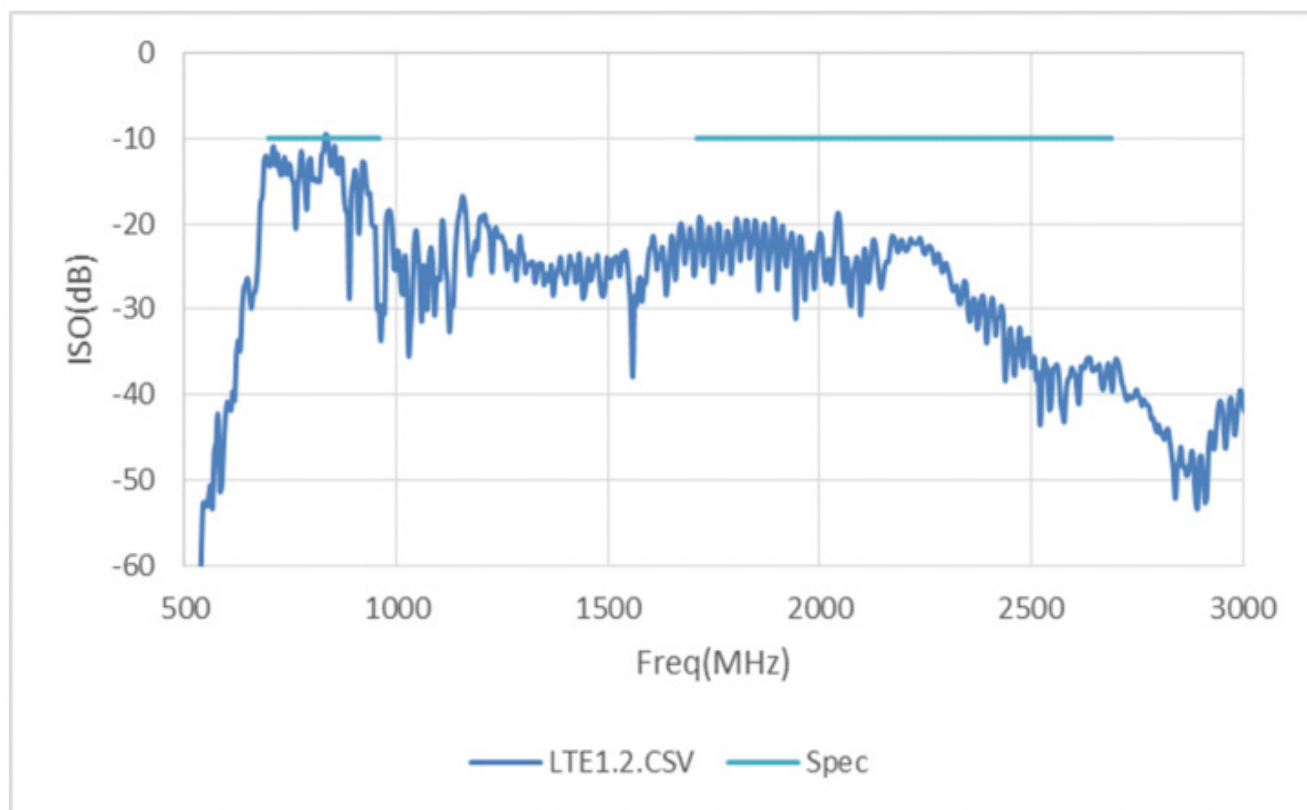
Operating Temperature [°C]	-20 to 70
Environmental Rating	IP65
Fire Rating	UL-94



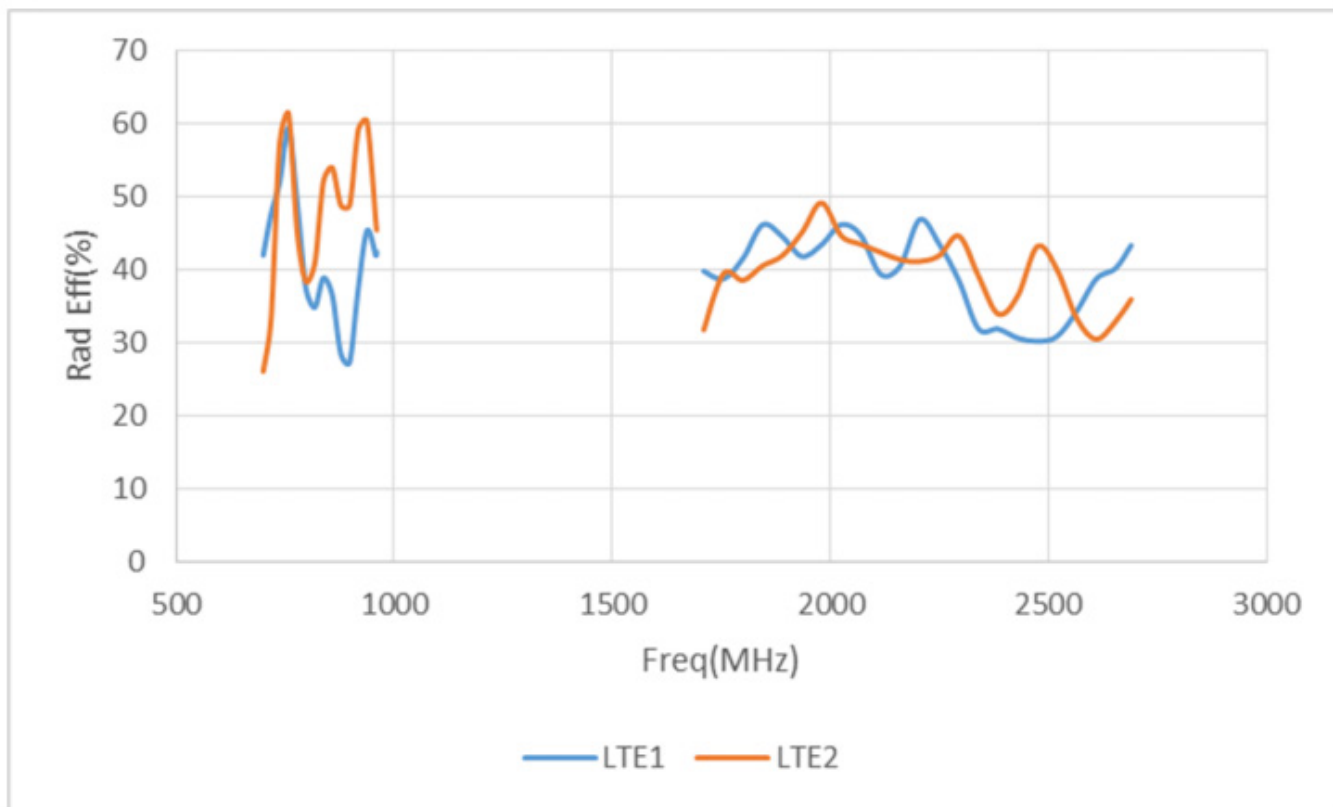
## DIRECT MOUNT



### LTE Isolation with 17' LMR195 Cable on 500mm GP



### LTE Radiation Efficiency with 360mm Cable on 500mm GP



### LTE Peak Gain with 360mm Cable on 500mm GP

