

# MEA-2700-LTE

## LOW PROFILE LTE ANTENNA

Part #: 100-00126-01

### Description

The MEA-2700-LTE is a ultra-rugged broadband 4G LTE antenna featuring a N-Type connector. It covers the LTE frequency ranges 698-960 MHz| 1710-2700 MHz| 2500-2700 MHz with a nominal gain of 3 dBi. This low-profile antenna is designed to provide industry leading wide-band performance and optimal coverage of LTE frequencies, with minimum loss and no tuning required. The MEA-2700-LTE antenna compact housing consists of black ABS UV resistant plastic, with a heavy-duty metal base. The antenna is rated IP66.

### Electrical Specifications

Parameter	Specification
Frequency Range	698-960 / 1710-2700 / 2500-2700 MHz
Bandwidth	262/460/200 MHz
Gain	3 dBi
VSWR	≤ 2.5
Radiation	Omni-directional
Polarization	Vertical
Maximum Input Power	50W
Impedance	50 Ω

### Mechanical Specifications

Parameter	Specification
Antenna Dimensions	22 x 66mm
Weight	46g
Operating Temperature	-40 °C to +70 °C
Antenna Radome Material	ABS
Connector	N Female
ROHS Compliant	Yes



### Features

- Low profile design for easy installation
- Heavy duty applications
- Can be used for mobile and fixed base applications
- Compact housing that makes the antenna ideal for indoor or outdoor applications
- Covers all cellular/LTE frequencies: 698-960/1710-2170/2500-2700 MHz
- Small size: 22 x 66mm
- ROHS compliant
- Rated IP66

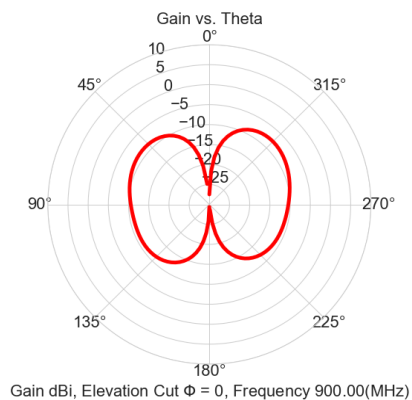
### Applications

- M2M applications
- IoT
- Telematics
- Asset tracking
- Fleet tracking
- Automotive

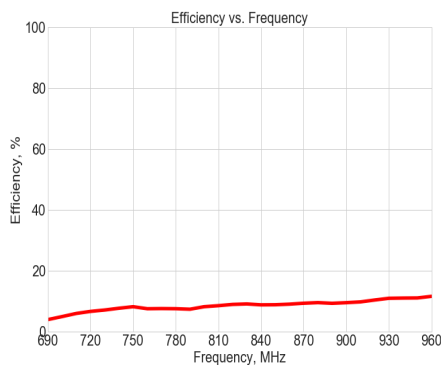
## Radiation Specifications

698-960 MHz

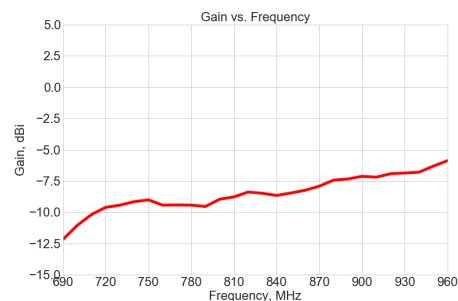
Gain vs. Theta



Efficiency vs. Frequency



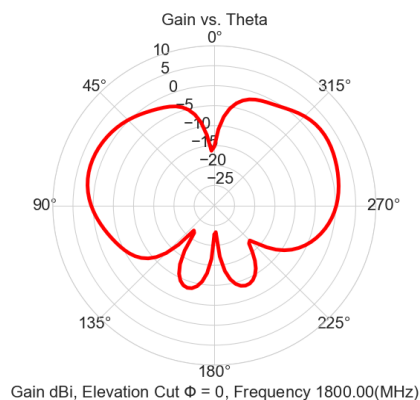
Gain vs. Frequency



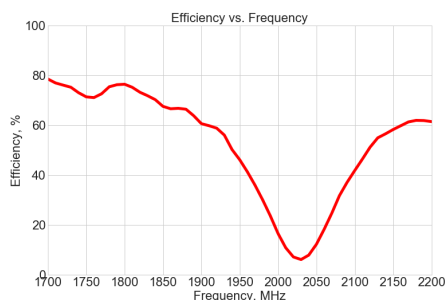
## Radiation Specifications

1710-2700 MHz

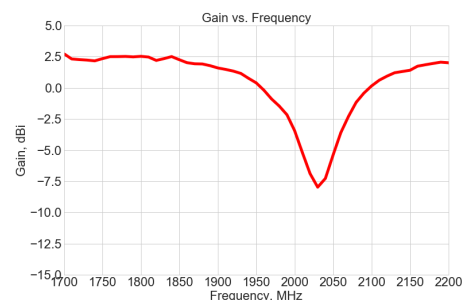
Gain vs. Theta



Efficiency vs. Frequency



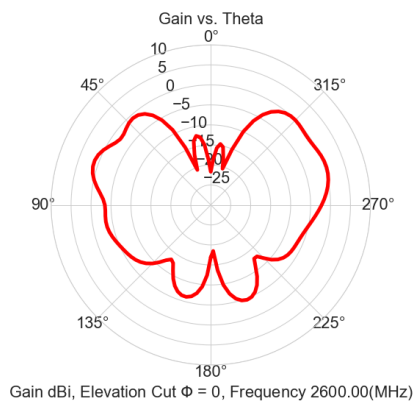
Gain vs. Frequency



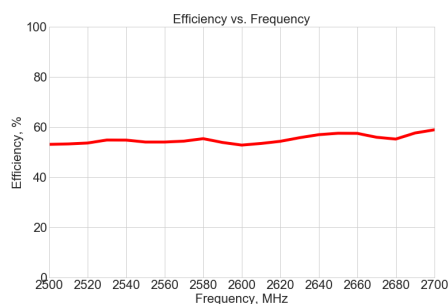
## Radiation Specifications

2500-2700 MHz

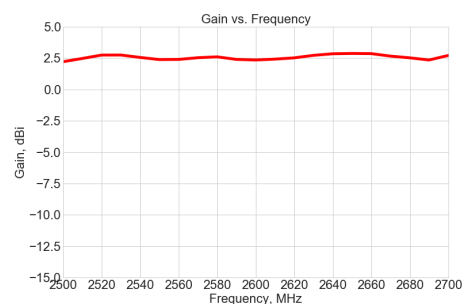
Gain vs. Theta

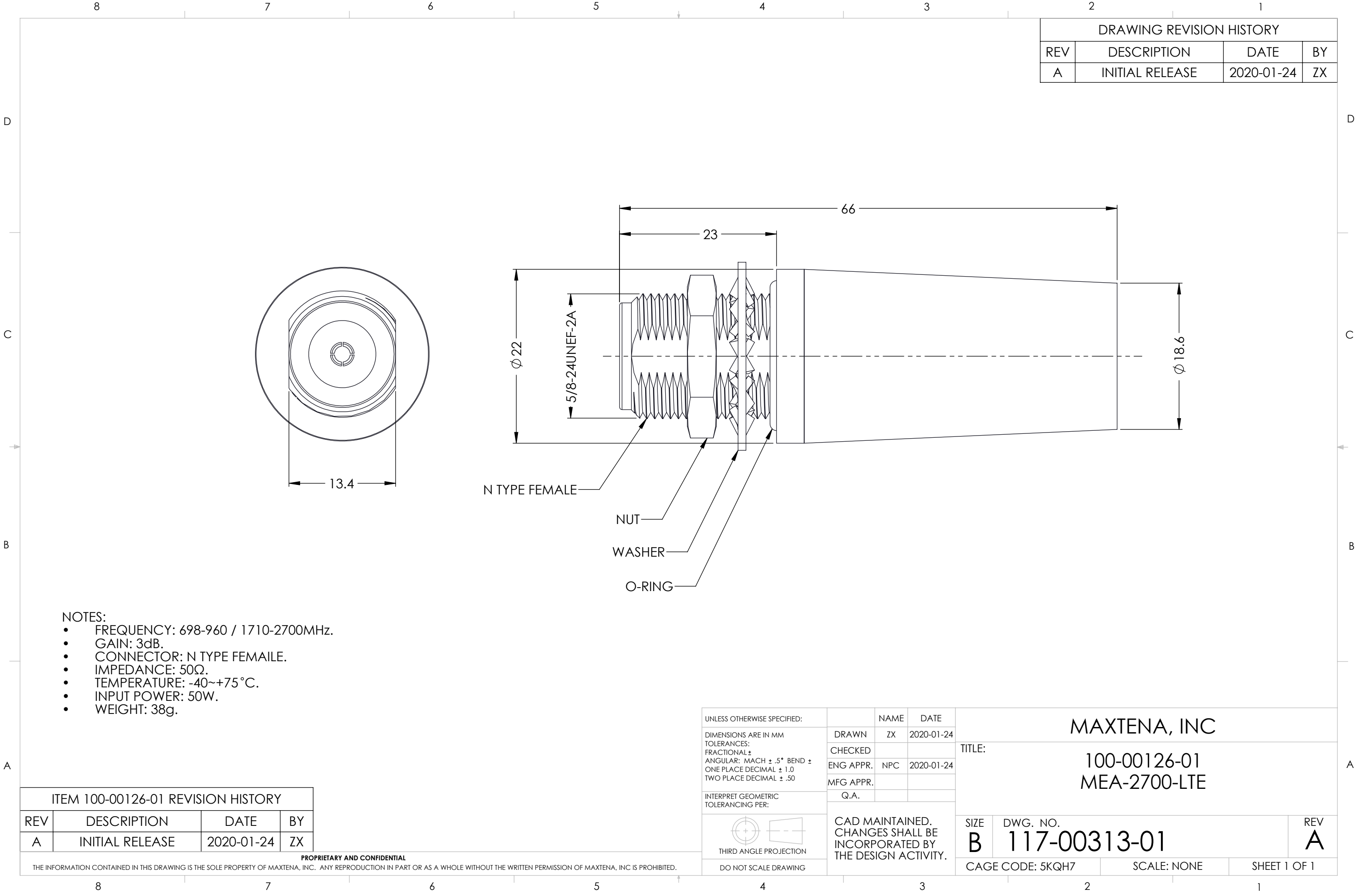


Efficiency vs. Frequency



Gain vs. Frequency





# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Maxtena:

[MEA-2700-LTE](#)