

ME A-960-LTE

OMNI-DIRECTIONAL ANTENNA

Part #: 100-00140-01

Description

The MEA-960-LTE is a rugged antenna that provides broad coverage 690 - 960 MHz & 1710 - 2700 MHz. The antenna is compatible with most 4G LTE standards. This is a high efficiency, high gain, omni-directional antenna. The antenna is 82 mm long, featuring a tilt-and-swivel SMA plug connector. It is rated IP63.

Electrical Specifications

Parameter	Specification
Frequency Range	690-960 / 1710-2700 MHz
VSWR	1:3.5
Impedance	50 Ω
Polarization	RHCP
Gain	3 dBi \pm 1
Polarization	Vertical
Radiation	Omni-directional
Max Power	20 W

Mechanical Specifications

Parameter	Specification
Height	82 mm
Max Diameter	\varnothing 12 mm
Min Diameter	\varnothing 6 mm
Connector	SMA male
Lighting Protection	Grounding
Rating	IP63



Features

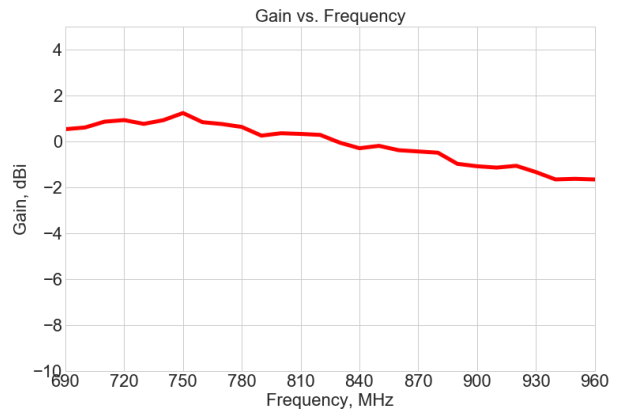
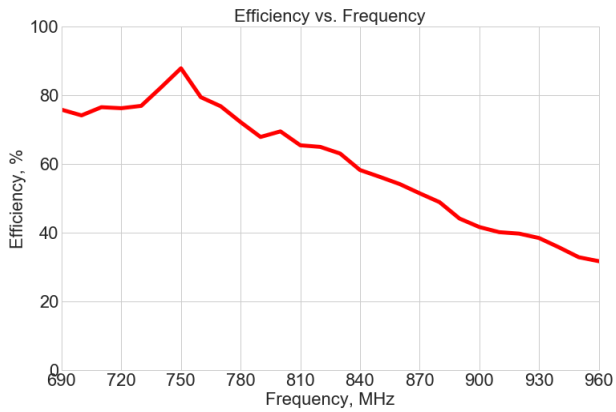
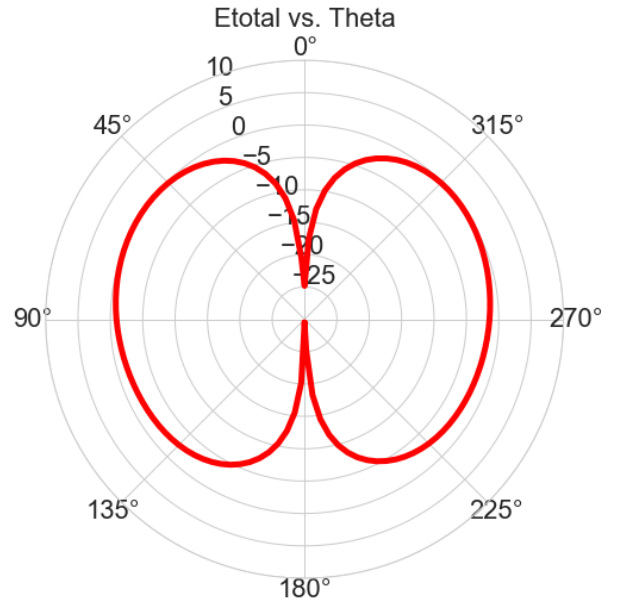
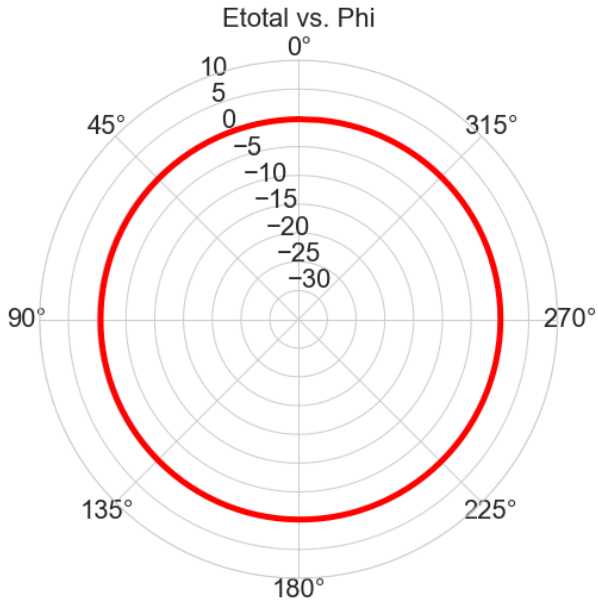
- 690 - 960 MHz / 1710 - 2700 MHz
- SMA Male Connector
- Efficient High Gain
- Tilt and Swivel Design
- Rugged
- IP63 Rating

Applications

- Telemetry
- Gateways
- IOT/M2M Applications
- Smart Metering

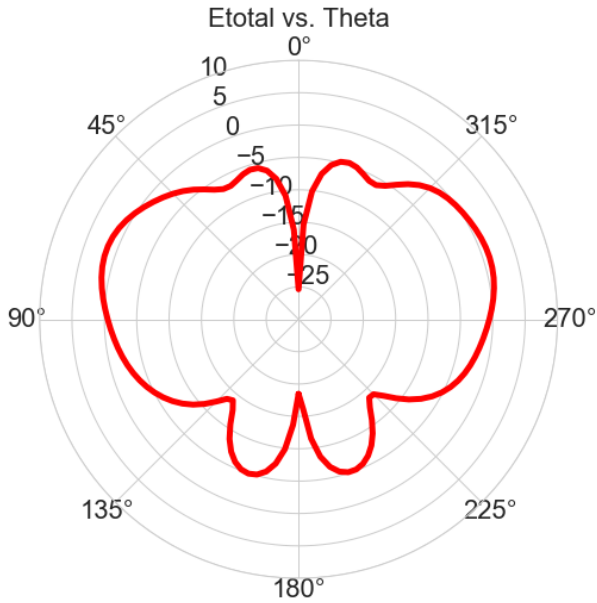
Radiation Performance

690 - 960 MHz

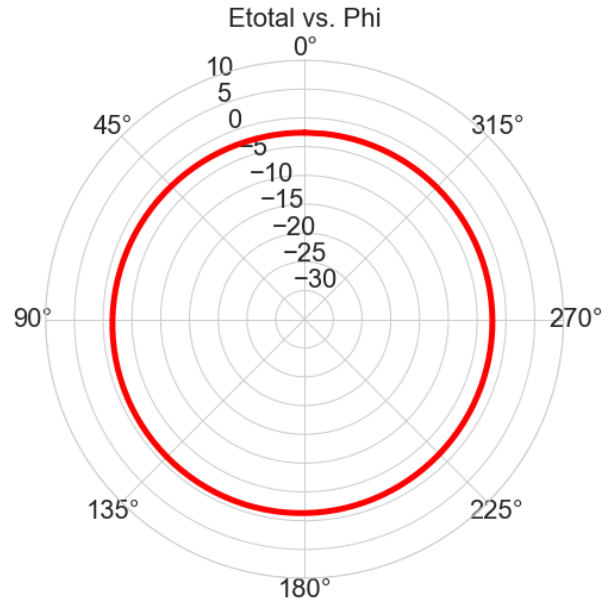


Radiation Performance

1710 - 2700 MHz



Gain dBi, Elevation Cut $\Phi = 0$, Frequency 1800.00(MHz)



Gain dBi, Conical Cut $\Theta = 45$, Frequency 1800.00(MHz)

