



MEA-850-930-P-U.FL

FLEXI LORA ANTENNA

Part #: 100-00402-01

Description

The MEA-850-930-P-U.FL is a compact and flexible PCB antenna designed for ISM/LoRA applications, accommodating frequencies in various regions. Its expert design ensures it fits into small devices where other antennas might not. This antenna stands out for its compactness compared to other ISM/LoRA flexible PCB antennas, making it suitable for placement in tight spaces. It can be easily adhered to a device using 3M tape, with the recommendation to keep it away from metal components to maintain optimal performance. The TMEA-850-930-P-U.FL is well-suited for a range of applications, including M2M communications, smart metering devices, precision agriculture, industrial IoT monitoring, smart lighting, and automotive uses. Its high performance ensures it can handle even the most challenging installation scenarios.

Electrical Specification

Parameter	Specification
Frequency Range	850-930 MHz
Antenna element peak gain	0.8 dBi
VSWR	3.0:1 (max)
Impedance	50 Ω
Polarization	Linear

Mechanical Specification

Parameter	Specification
Antenna Dimensions	62x26x0.15 mm
Operating Temperature	-40 °C to 85 °C
Mounting Type	Adhesive Mount
Connector	I-PEX (U.FL)



Features

- Flexi Antenna
- Self-Adhesive
- VSWR \leq 3.0:1
- Ground Plane Independent
- Small Form Factor

Applications

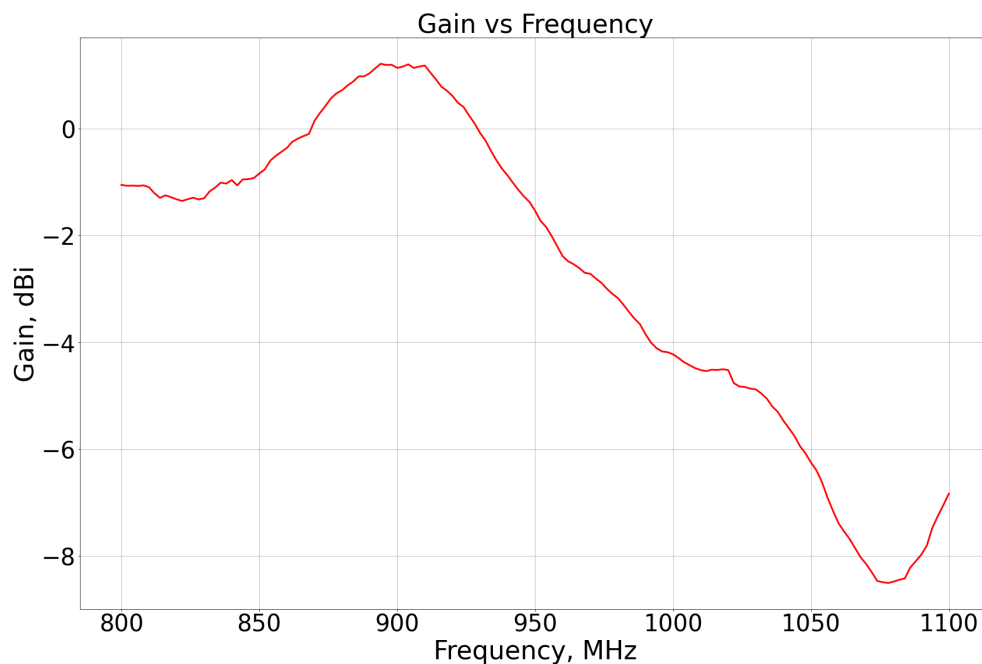
- IoT-Internet of Things
- Smart Home
- Smart Lighting
- Asset Tracking and Security
- Autonomous Applications



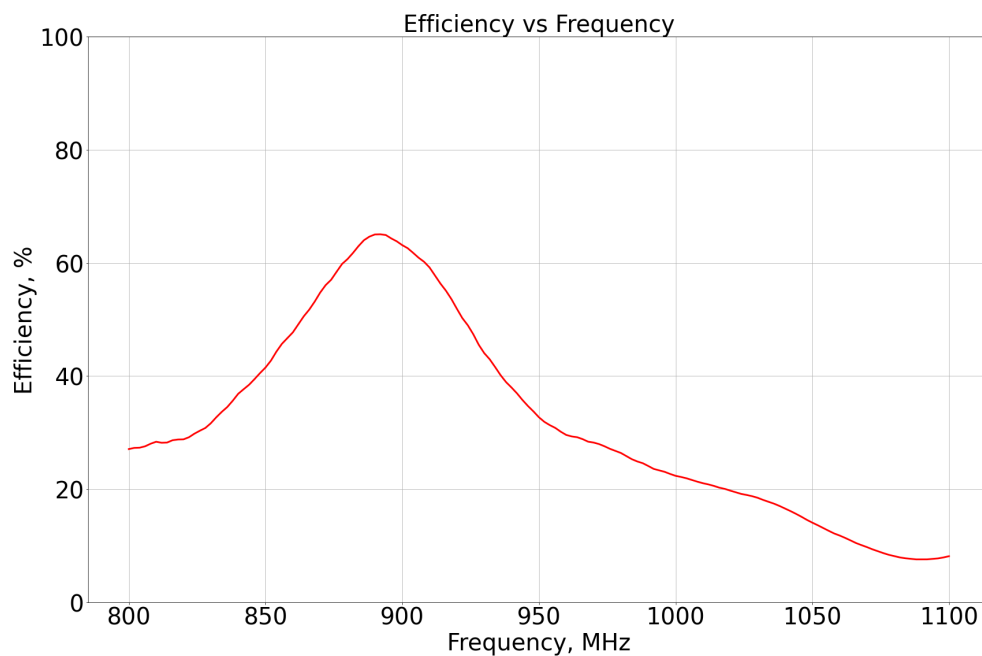
Maxtena Inc.
20310 Seneca Meadows
Parkway, Suite A Germantown
MD 20876
1-877-629-8362
info@maxtena.com
www.maxtena.com

Antenna Characteristics

Peak Gain



Efficiency



Maxtena Inc.
20310 Seneca Meadows
Parkway, Suite A Germantown
MD 20876
1-877-629-8362
info@maxtena.com
www.maxtena.com

