

# MEA-868-SM

External 868MHz ISM Antenna  
Part #: 100-00154-01

## Description

The MEA-868-SM is a high gain & efficiency antenna to be used for 868MHz wireless applications. This external mount rugged antenna is ideal for high performance outdoor or indoor applications. It is designed for IOT, Telematics and remote metering mesh installations and systems. The high efficiency and gain along with the omni-directional properties provide this antenna a consistent and stable long range connectivity with high throughput data to devices for 868MHz needs. The antenna housing consist of black UV resistant rugged plastics and a heavy-duty metal base for optimal installations. The cable & connector are customizable.

## Electrical Specifications

Parameter	Specification
Frequency Range	865-868MHz
Gain	3-5 dBi
V.S.W.R	≤ 2.5:1
Radiation	Omni-Directional
Polarization	Vertical
Maximum Input Power	50W
Impedance	50 Ω

## Mechanical Specifications

Parameter	Specification
Antenna Dimensions	Φ 48 x 82 mm
Weight	160 g
Operating Temperature	-40 °C to +70 °C
Antenna Radome Material	ABS
Connector	SMA Male
Cable Type	RG58U
Cable Length	3M
Mount Type	Screw
Antenna Color	Black
ROHS Compliant	Yes



## Features

- 868MHz frequencies
- IP67 rated
- High gain & efficiency
- Custom cable & connector options

## Applications

- Remote mesh networks
- Smart metering
- IOT
- Public Safety

