

# 169 MHz External Antenna



AEACAC254010-S169



254 x Ø10.9 mm  
RoHS/RoHS II Compliant  
MSL = N/A: Not Applicable

## Features

- Low frequency of 169 MHz
- VSWR < 2.5
- Gain of 2 dBi
- Linear polarization

## Applications

- LPWA/LoRa/SigFox applications
- ISM applications
- IoT
- Remote technology/monitoring
- Network devices
- Smart buildings
- Smart city
- Agriculture/environment
- Consumer tracking

## Electrical Specifications

Parameters	Min.	Typ.	Max.	Units	Notes
Operating Frequency		169 ± 3		MHz	
Bandwidth		CF ± 8		MHz	
VSWR			2.5		
Gain		2		dBi	
Polarization		Linear			
Impedance		50		Ω	

## Mechanical Specifications

Parameters	Typ.
Connector	SMA

## Environmental Specifications

Parameters	Typ.
Operating Temperature	-40 °C to +85 °C
Vibration	10 ~ 55 Hz with 1.5 mm amplitude 2 hours

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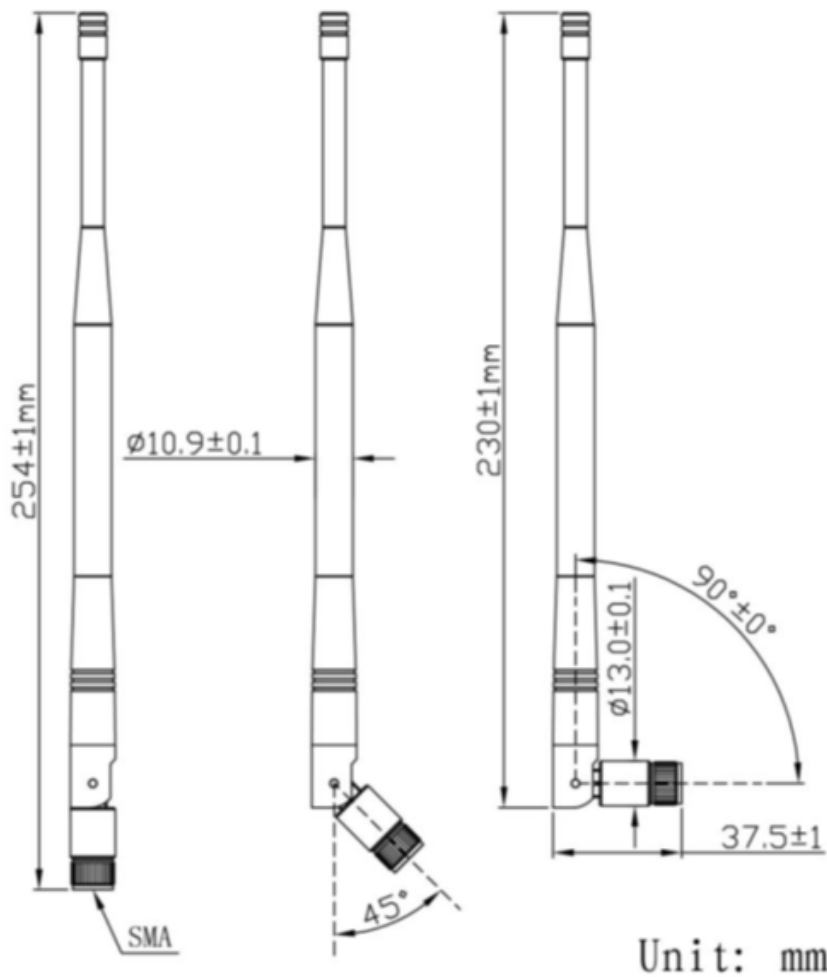


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## Product Dimensions



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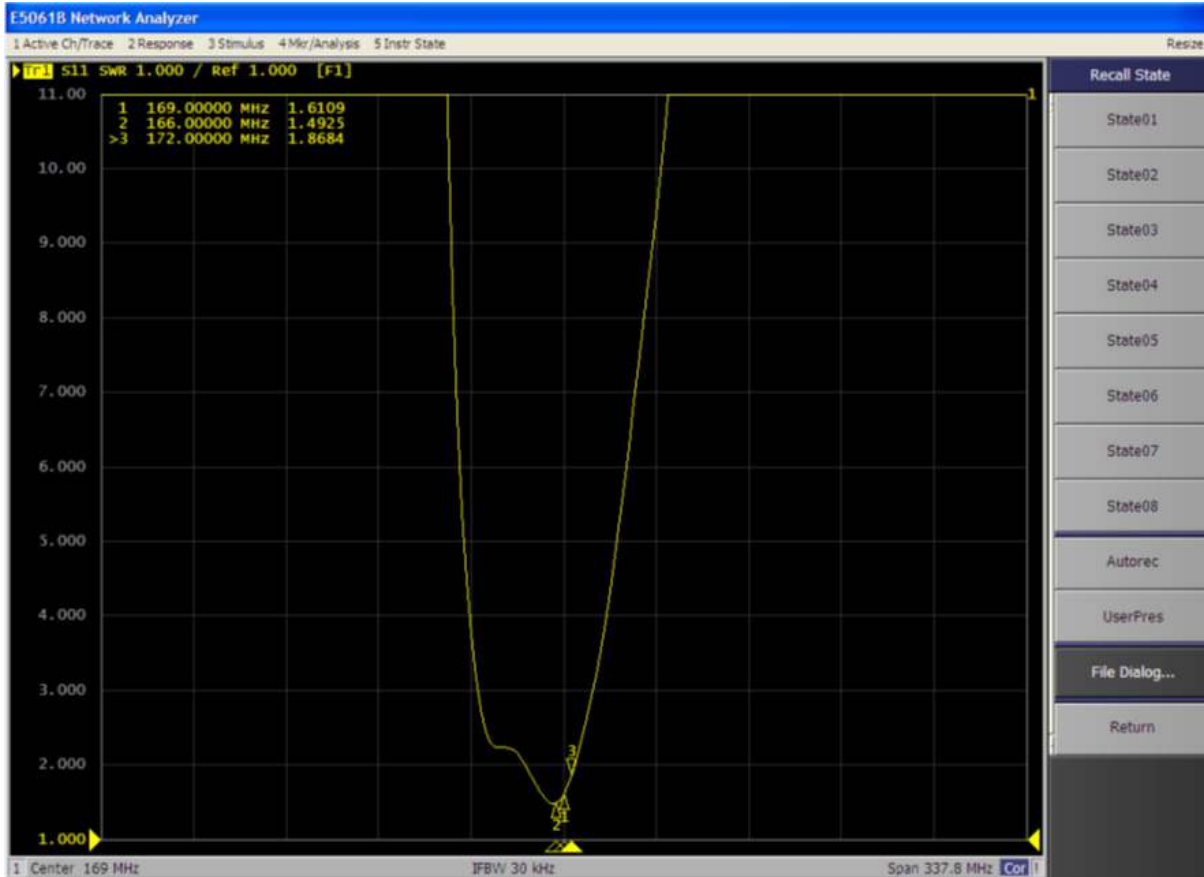


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VSWR



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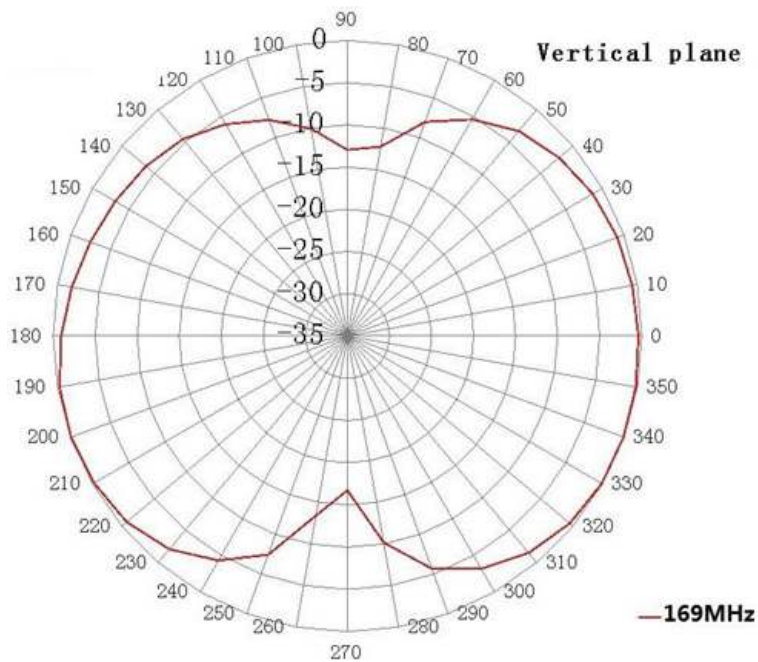
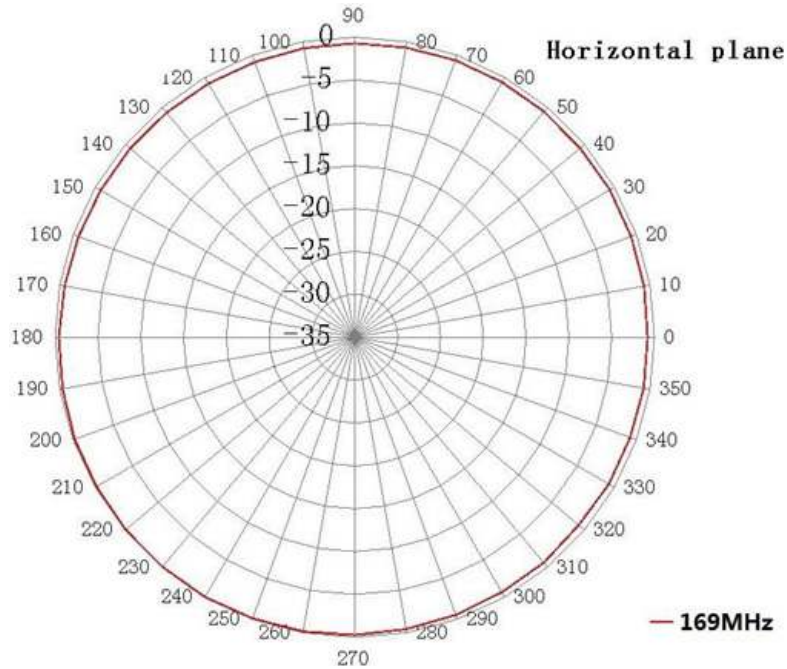
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## Radiation Pattern

### 2D - Pattern



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## Packaging

A carton holds 500 pcs of antenna. Each carton is of dimension 49.5 x 22.5 x 27 cm and weighs 13 Kg.

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