### 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.	Тур.	Max.	Units	Notes
Operating Frequency		$169 \pm 3$		MHz	
Bandwidth		CF ± 8		MHz	
VSWR			2.5		
Gain		2		dBi	
Polarization		Linear			
Impedance		50		Ω	

# **Mechanical Specifications**

Parameters	Тур.		
Connector	SMA		

## **Environmental Specifications**

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



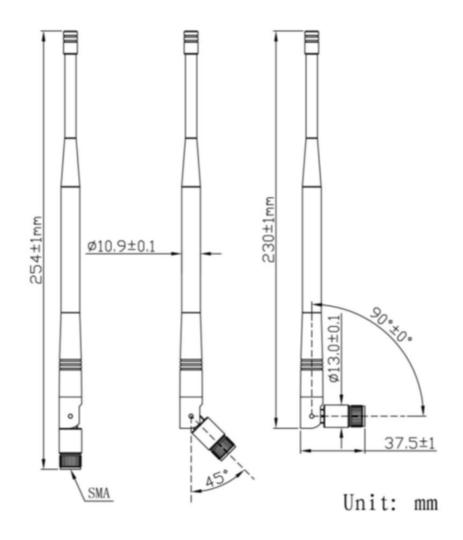
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#### **Product Dimensions**





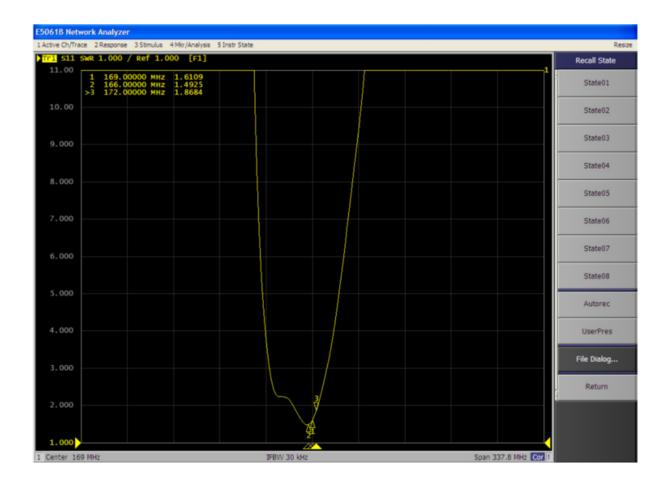


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#### **VSWR**





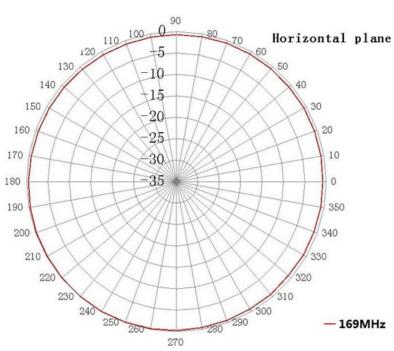
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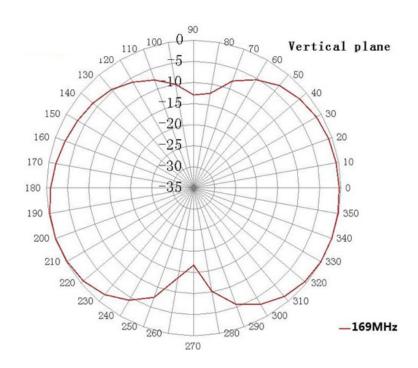


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#### **Radiation Pattern**









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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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