

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

169 MHz External Antenna

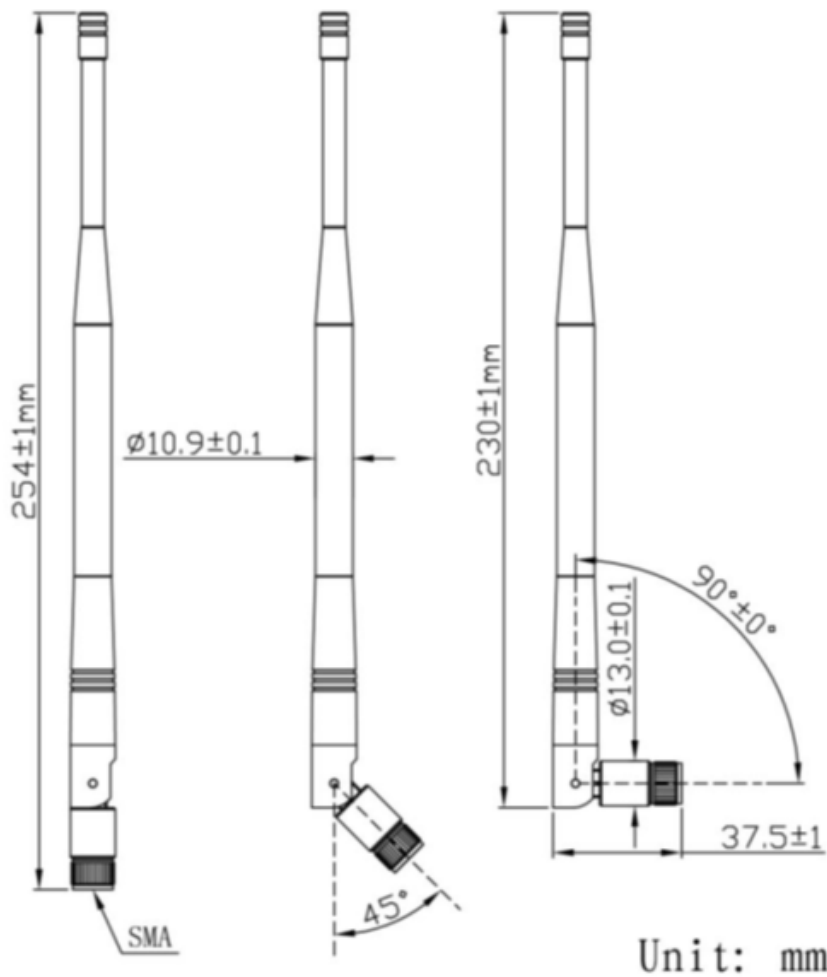


AEACAC254010-S169



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

Product Dimensions



169 MHz External Antenna

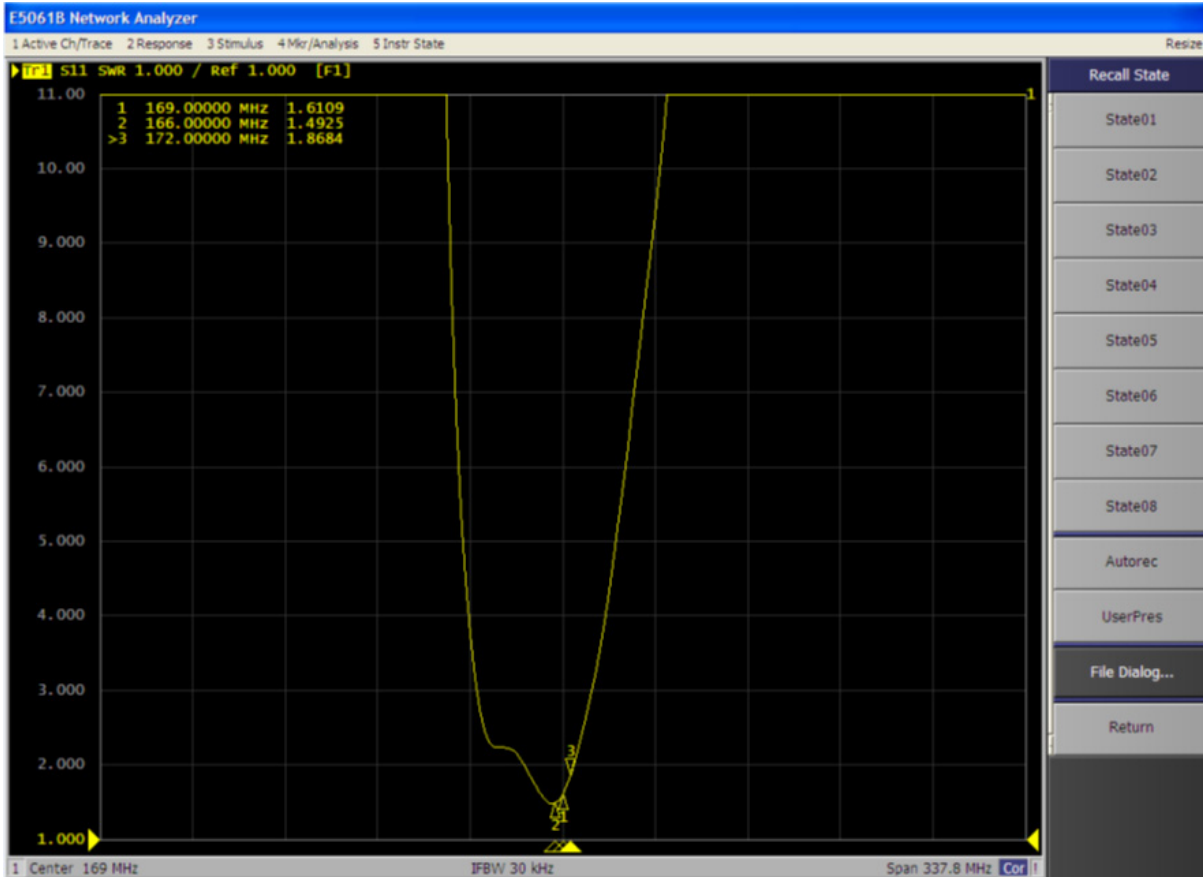


AEACAC254010-S169



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

VSWR



169 MHz External Antenna



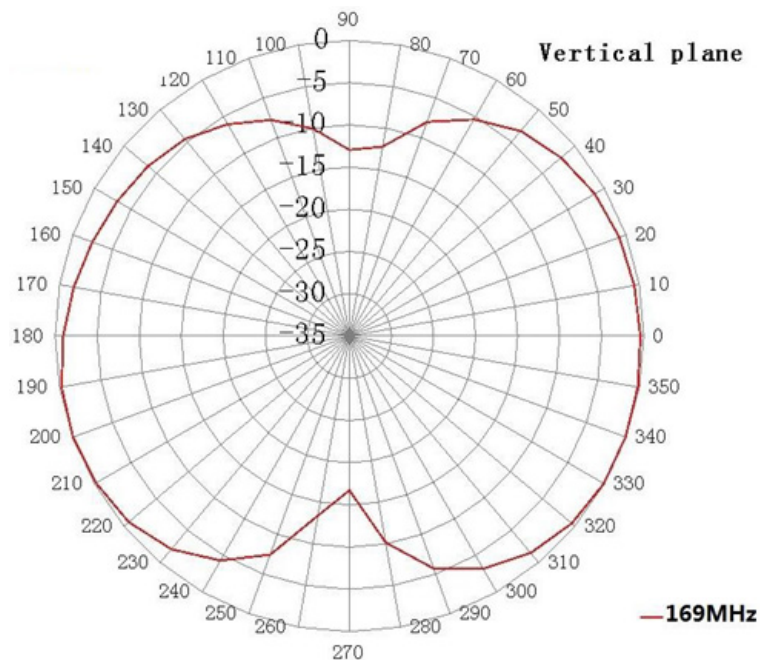
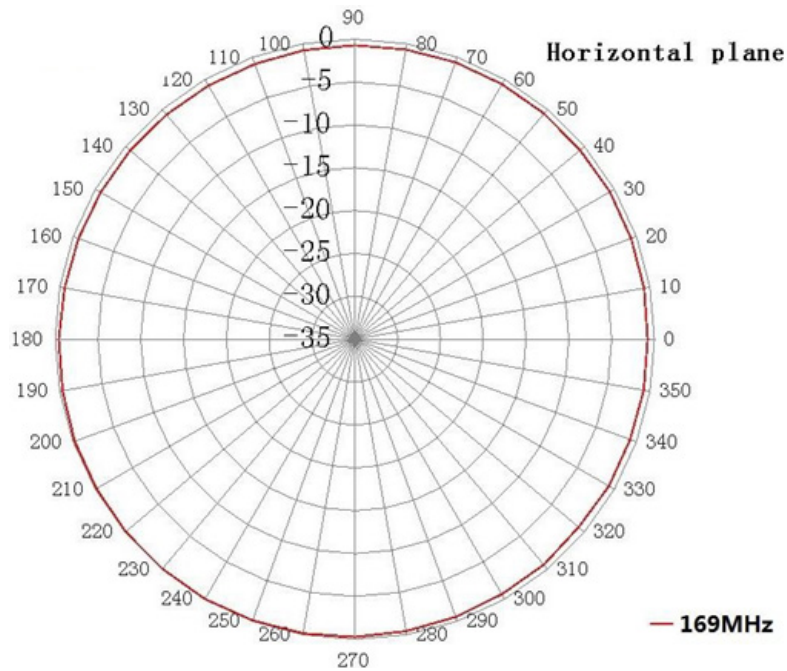
AEACAC254010-S169



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

Radiation Pattern

2D - Pattern



169 MHz External Antenna



AEACAC254010-S169



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

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.

ATTENTION: Abracon LLC's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependent Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon LLC is required. Please contact Abracon LLC for more information.



5101 Hidden Creek Ln Spicewood TX 78669
Phone: 512-371-6159 | Fax: 512-351-8858
For terms and conditions of sales, please visit:
www.abracon.com

REVISED: 06-13-19

ABRACON IS
ISO9001-2015
CERTIFIED

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ABRACON:](#)

[AEACAC254010-S169](#)