

External GSM Antenna

APAMS-104

RoHS/RoHS II compliant
Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-I)



111 x Ø6.78 mm

MSL level: Not Applicable

FEATURES:

- High Reliability/ Sensitivity
- Compact Size
- Easy to Install (magnetic base /adhesive tape)
- ROHS Compliant

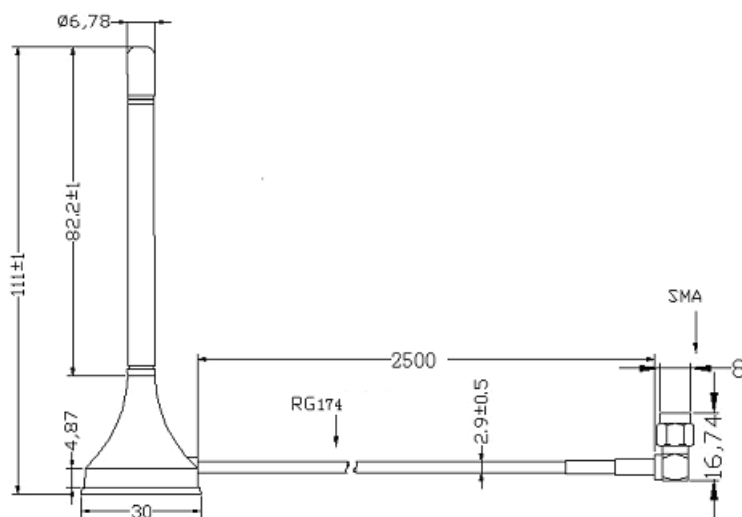
TYPICAL APPLICATIONS:

- Wireless Communications
- GSM
- GPRS
- CDMA
- UMTS
- Vehicle Monitoring

STANDARD SPECIFICATIONS:

Parameters	Min.	Typ.	Max.	Units	Note
Frequency Range	890		960	MHz	(GSM900)
	1710		1880	MHz	(GSM1800)
Bandwidth		70		MHz	@900MHz
		170		MHz	@1800MHz
VSWR			2:1		
Polarization Model	Linear Polarization				
Impedance		50		Ω	
Gain		2		dBi	@900MHz
		3.5		dBi	@1800MHz
Azimuth	Omni-Directional				

OUTLINE DRAWING:



Parameters	Description
L (Cable Length)	2.5m
Antenna Length	28.5x110mm
RF Cable	RG174
Base Diameter	30mm
Connector	SMA-J3
Mounting	Magnetic Base
Color	Black

Unit: mm

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PRODUCT IMAGE:



PACKAGING:

Each 400x32.5x180mm size carton includes 300 pieces of antenna.



CAUTION:

- (1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to the component.
- (2) Do not expose the component to open flame.
- (3) This specification applies to the functionality of the component as a single unit. Please insure the component is thoroughly evaluated in the application circuit.

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