External GSM Antenna

APAMS-104

MSL level: Not Applicable

FEATURES:

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

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



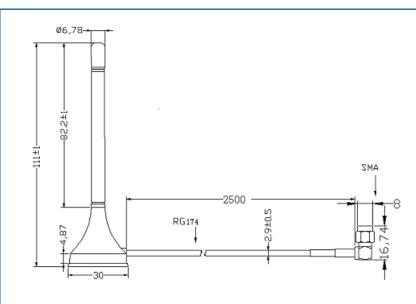
TYPICAL APPLICATIONS:

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

STANDARD SPECIFICATIONS:

Parameters	Min.	Тур.	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	Line	Linear Polarization			
Impedance		50		Ω	
Gain		2		dBi	@900MHz
		3.5		dBi	@1800MHz
Azimuth	On	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

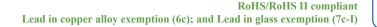
Unit: mm





Visitwww.abracon.com forTerms & Conditions of Sale **Revised: 01.28.13** 30332Esperanza, Rancho Santa Margarita, California 92688 tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

APAMS-104





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.

ATTENTION: Abracon Corporation'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-dependant 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 Corporation is required. Please contact Abracon Corporation for more information.





Visitwww.abracon.com forTerms & Conditions of Sale **Revised: 01.28.13** 30332Esperanza, Rancho Santa Margarita, California 92688 tel 949-546-8000 | fax 949-546-8001 | www.abracon.com