

External GSM Antenna

APAMS-101

RoHS/RoHS II compliant

Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-I)



115 x 22 x 7mm

MSL level: Not Applicable

FEATURES:

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

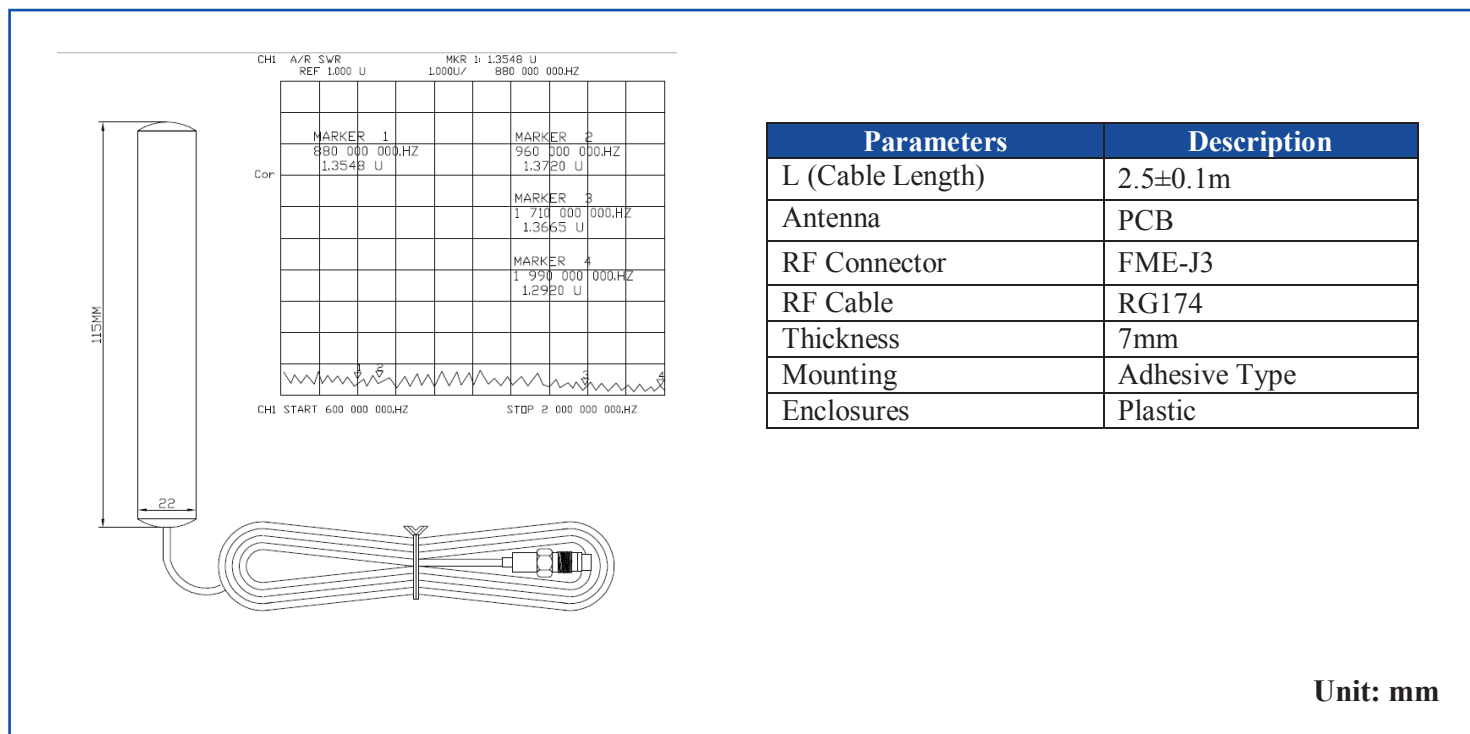
TYPICAL APPLICATIONS:

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

STANDARD SPECIFICATIONS:

Parameters	Min.	Typ.	Max.	Units	Note
Frequency Range	820		960	MHz	(GSM900)
	1710		1990	MHz	(GSM1800)
Bandwidth		140		MHz	(@900MHz)
		280		MHz	(@1800MHz)
VSWR			2:1		
Impedance		50		Ω	
Gain		1		dBi	(@900MHz)
		2		dBi	(@1900MHz)
Polarization	Linear Polarization				
Azimuth	Omni-Directional				

OUTLINE DRAWING:



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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.

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.

ABRACON IS
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