

External GSM Antenna - Adhesive Mount



78 x 25 x 3.8mm

APAMS-103

RoHS/RoHS II compliant
Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-1)

MSL level: Not Applicable

FEATURES:

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

TYPICAL APPLICATIONS:

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

STANDARD SPECIFICATIONS:

Parameters	Min.	Typ.	Max.	Units	Note
Frequency Range	870		960	MHz	(GSM900)
	1710		1880	MHz	(GSM1800)
Bandwidth		90		MHz	(@900MHz)
		170		MHz	(@1800MHz)
VSWR at Center Frequency			2.0		
Polarization Model	Linear Polarization				
Impedance		50		Ω	
Gain	2			dBi	
Azimuth	Omni-Directional				
Operating Temperature	-40		+80	$^{\circ}\text{C}$	
Storage Temperature	-45		+85	$^{\circ}\text{C}$	

OUTLINE DRAWING:

Top View: Overall height 78.0, diameter 25.0.

Side View: Cable length L1, SMA connector diameter 6.4, base diameter 3.8.

Bottom View: Diameter 22.0.

Parameters	Description
L1(Cable Length)	2m
Cable Type	RG174
Connector	SMA Male
Housing	Black
Mounting Type	Adhesive Tape

Unit: mm

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PRODUCT IMAGE:



PACKAGING:

Each 475x215x215mm size carton includes 100 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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