

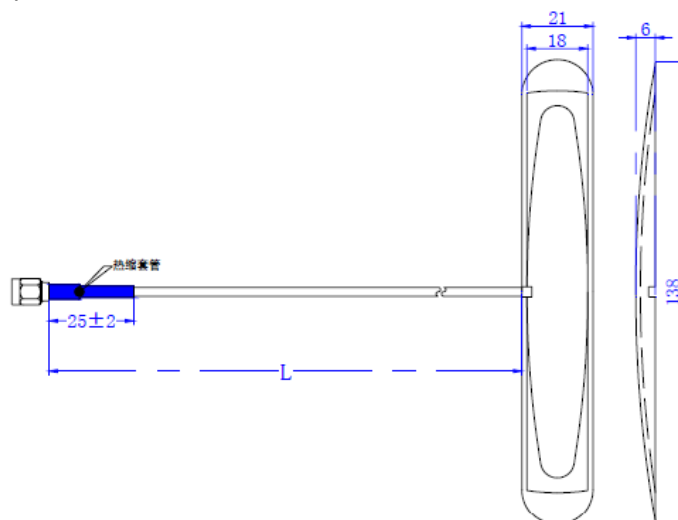
Quad Band GSM/UMTS Antenna with SMA connector



Product Specifications¹: (at +25°C)

Testing Item	Test Condition	Min	Nom	Max	Unit
Antenna Specifications					
Frequency Range	GSM900 DCS1800 PCS1900 UMTS2100	880 1710 1850 1900		960 1880 1990 2170	MHz
VSWR			2.0:1		
Impedance			50		ohms
Gain	@900 MHz @1800 MHz @1900 MHz @2000 MHz		1 2 2.5 3		dBi
Azimuth			Omni		
Polarization			Linear		
Environmental Specification					
Working Temperature		-25		+65	°C
Storage Temperature		-40		+85	°C
Vibration	Sine sweep (0-pk) 10~50~10 Hz each axis		1		g
Mechanical Specification					
Cable Length (L)	RG174		3.0		meter
Connector			SMA Male		
Mounting			Adhesive		
Enclosure			Plastic		

Outline Drawing (in mm)



¹ Specifications are subject to change without notice.

Ordering Information

Part Number	RANM100312G
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Available exclusively from Richardson RFPD - 800-737-6937 (U.S. & Canada) - 630-208-2700 (International)
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Richardson RFPD, Inc.
40W267 Keslinger Road
P.O. Box 307
LaFox, IL 60147
Telephone: (800) 737-6937
(630) 208-2700
Fax: (630) 208-2662
Internet: www.richardsonrfpd.com

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