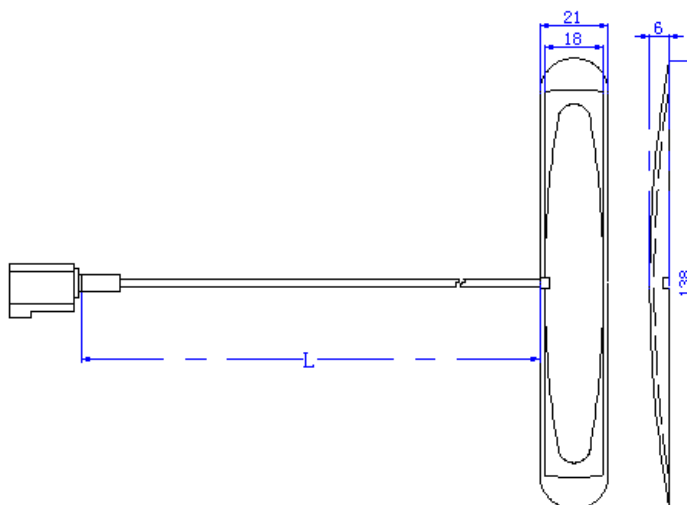


Quad Band GSM/UMTS Antenna with FAKRA connector

Product Specifications¹: (at +25 °C)

Testing Item	Test Condition	Min	Nom	Max	Unit
Antenna Specifications					
Frequency Range					
GSM900		880		960	MHz
DCS1800		1710		1880	
PCS1900		1850		1990	
UMTS2100		1900		2170	
VSWR			2.0:1		
Impedance			50		ohms
Gain			0		dBic
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		2.5		meter
Connector			FAKRA (Valel)		
Mounting			Adhesive		
Enclosure			Plastic		

Outline Drawing (in mm)



Ordering Information

¹ Specifications are subject to change without notice.

Part Number	RANM100251G
--------------------	-------------

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

IMPORTANT NOTICE

RICHARDSON RFPD, INC. AND ITS AFFILIATES RESERVE THE RIGHT TO MAKE CHANGES TO THE PRODUCT(S) OR INFORMATION CONTAINED HEREIN WITHOUT NOTICE. RICHARDSON RFPD, INC. ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR IN THIS DOCUMENT.

WARRANTY INFORMATION APPLICABLE TO THE PRODUCT IDENTIFIED HEREIN IS AVAILABLE UPON REQUEST. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A WARRANTY, REPRESENTATION OR GUARANTEE OF ANY KIND. RICHARDSON RFPD, INC. EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS AND/OR IMPLIED INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, AND OF FITNESS FOR A PARTICULAR PURPOSE, USE OR APPLICATION.

NO PART OF THIS DOCUMENT MAY BE COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF RICHARDSON RFPD, INC.

WARNING

RICHARDSON RFPD, INC. PRODUCTS ARE NOT INTENDED FOR USE IN LIFE SUPPORT APPLIANCES, DEVICES OR SYSTEMS. USE OF A RICHARDSON RFPD, INC. PRODUCT IN ANY SUCH APPLICATION WITHOUT WRITTEN CONSENT IS PROHIBITED.