

GPS/4LTE Combo External Antenna Specification



Model: DLGPS/LTE-C3

Antenna	
Frequency Range	1575.42MHz±1.023 MHz
V.S.W.R.	≤2.0
Band Width	> 10 MHz
Impedence	50 ohms
Gain	5dBic Based on 7×7cm ground plane
Polarization	RHCP
LNA	
Frequency Range	1575.42MHz±1.023 MHz
DC Voltage	3.3±0.3
Gain (Typical)	28±3dB

V.S.W.R.	≤ 2.0
Noise Figure (Typical)	$\leq 1.5\text{dB}$
DC current	$8.5 \pm 3\text{mA}$ (at 3.3V)
GSM part	
Working Frequency	700-2700Mhz
V.S.W.R.	2:1
Impedence	50 ohms
Peak Gain	2dbi@900 2dbi@1800
Azimuth	Omni-directional
Polarization	Linear Polarization
Material	
Antenna	Dielectric Ceramics
Antenna house	ABS
PCB	FR4
Shielding	Tinplate
RF Cable	RG174
RF Connector	SMA/MCX/FAKRA or other
Sticker	3M467MP
Testing Conditions	
Working Temp	-40°C~+85°C



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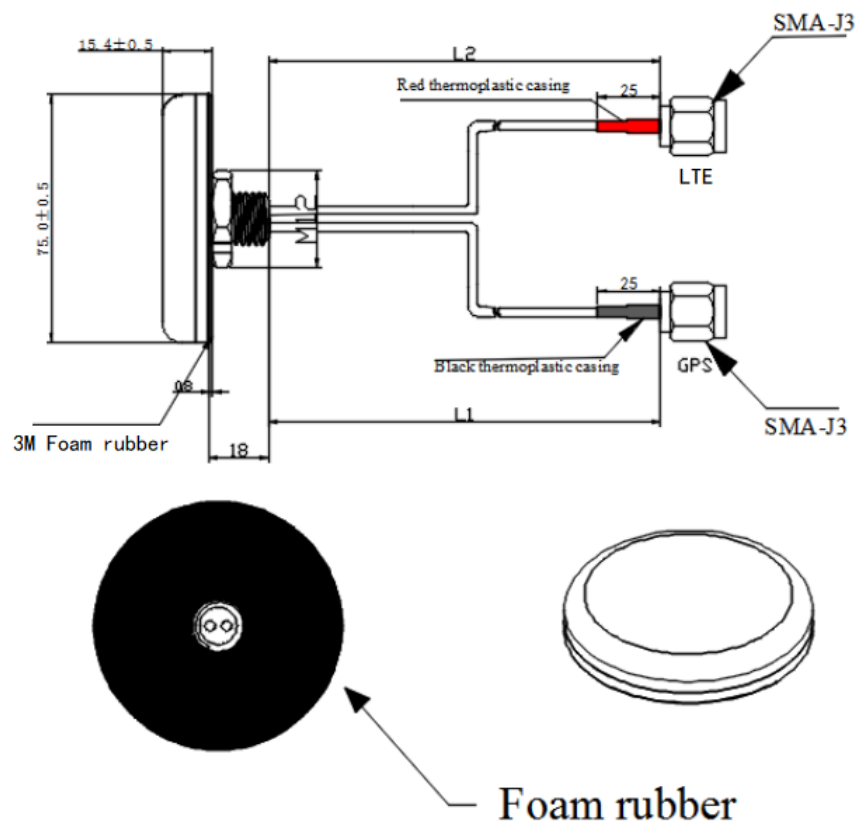
Sales@dolinele.com

www.dolinele.com

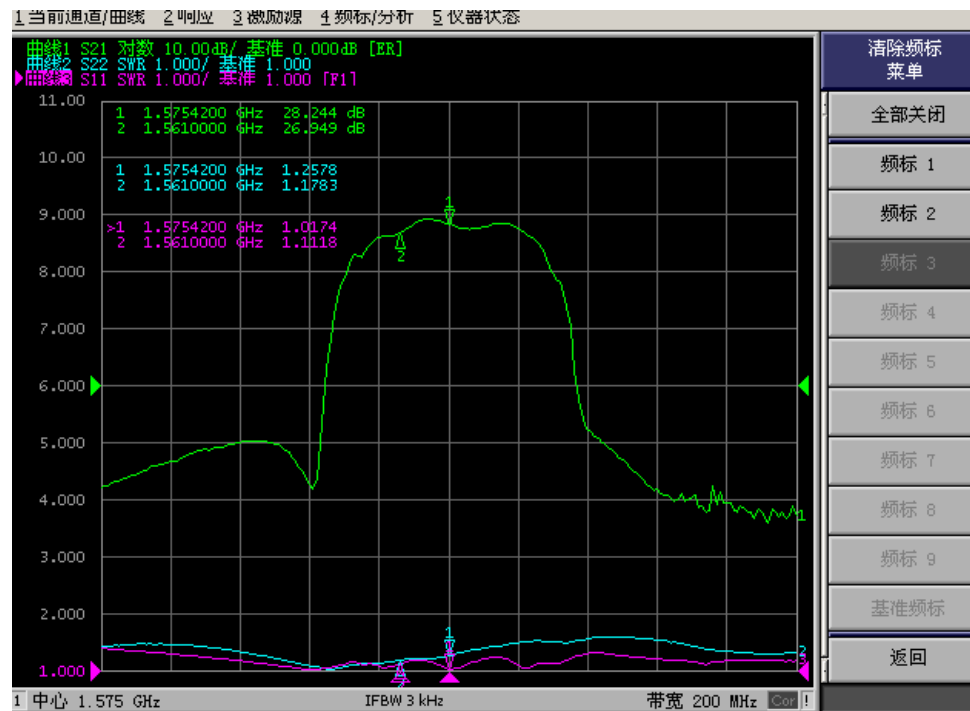
Skype: dolinsales

Storage Temp	-45℃~+85℃
Vibration	Sine sweep 1g(0-p)
	10~55~10Hz each axis
IP code	IPX6

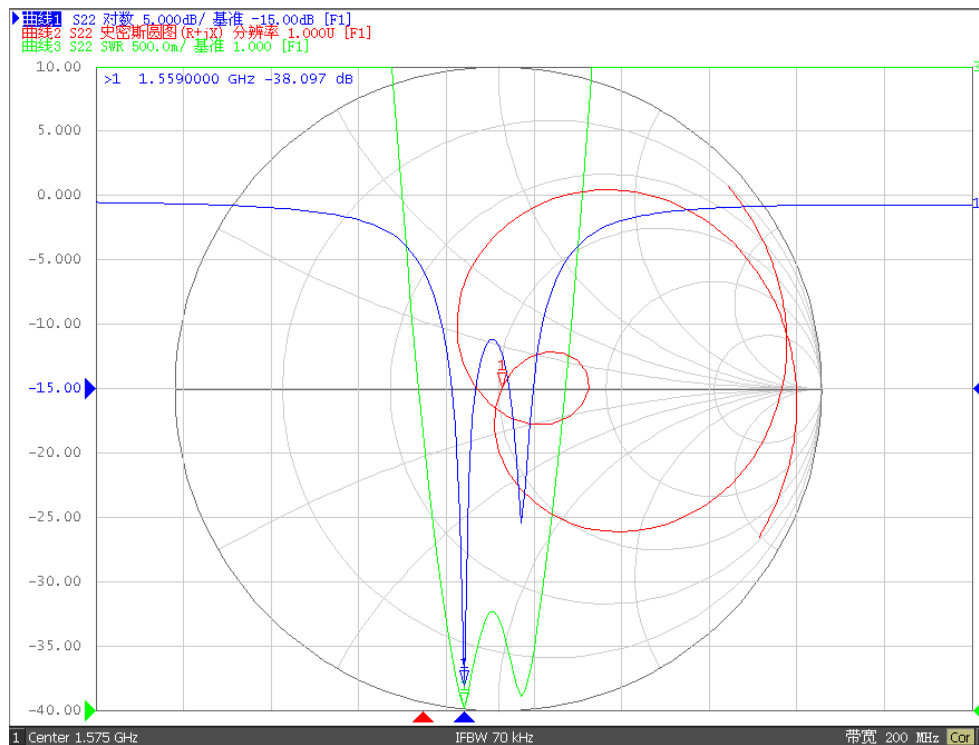
Size drawing



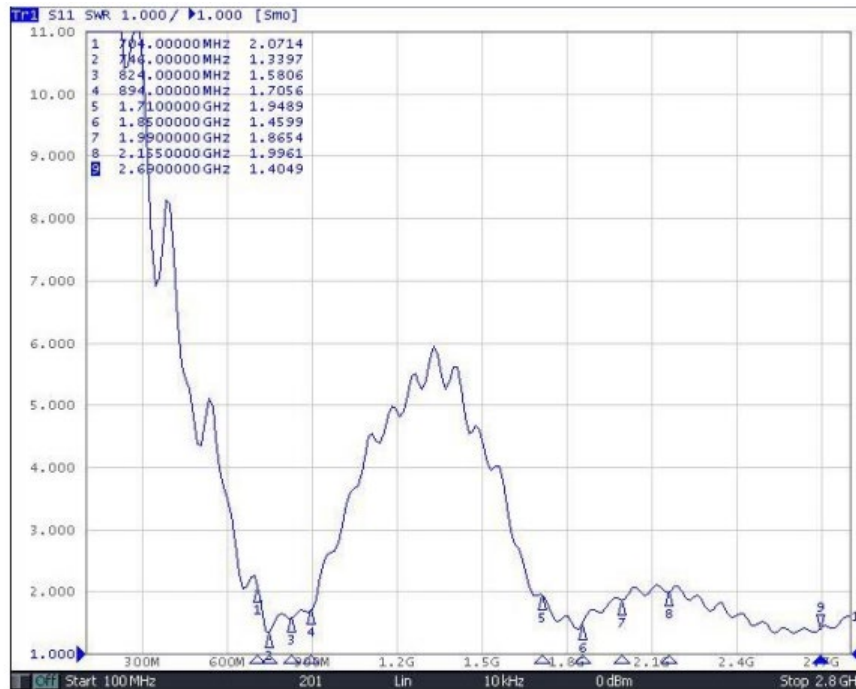
LNA Test Plans



Patch Test curve

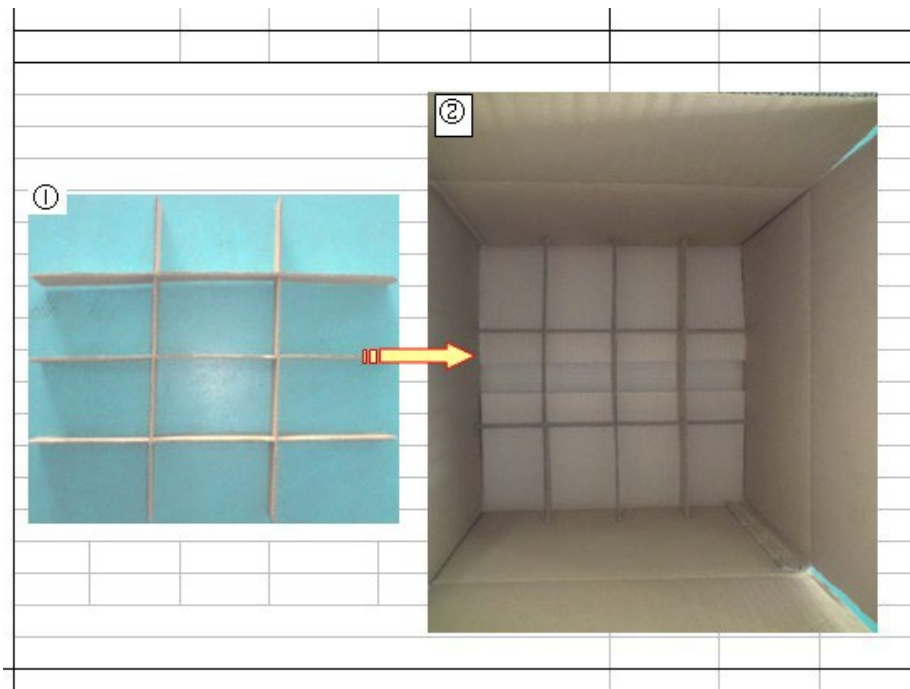


LTE Test Plans



Package

60pcs/box, total with 5 floors, outer box size 450*400*300mm



Note

1. This product specification guarantees the quality of our product as a single unit. When our product is installed, please ensure that the product has been evaluated and confirmed.
2. The product warranty period is 1 year. If the product fails under normal use within 1 year, free repairs will be provided. If the warranty period exceeds the warranty period, the repair costs will be calculated based on the actual repair cost price.
3. The front of the product should be installed as close to the sky as possible to ensure good reception of satellite signals.
4. The product is an electronic product, please pay attention to electrostatic protection.



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