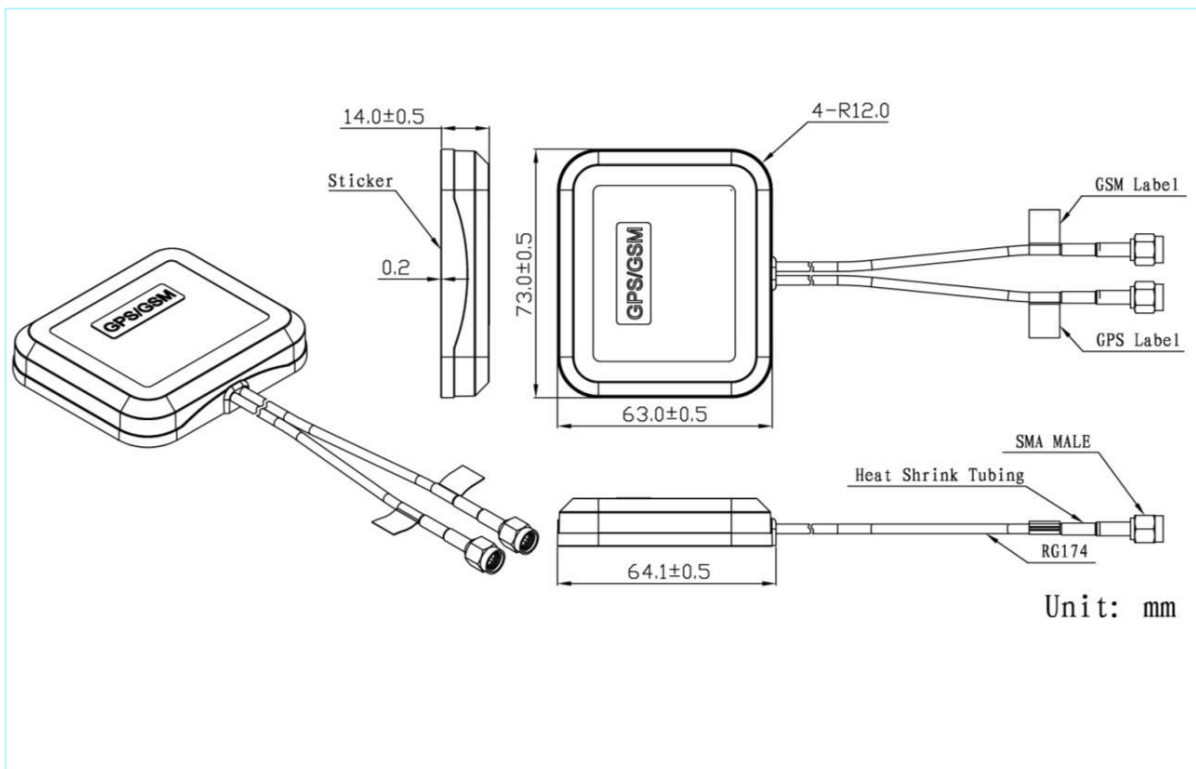


# GPS+GSM Combination Antenna Patch shape adhesive AN\_GPS\_GSM\_010



## Mechanical dimension



# GPS+GSM Combination Antenna Patch shape adhesive

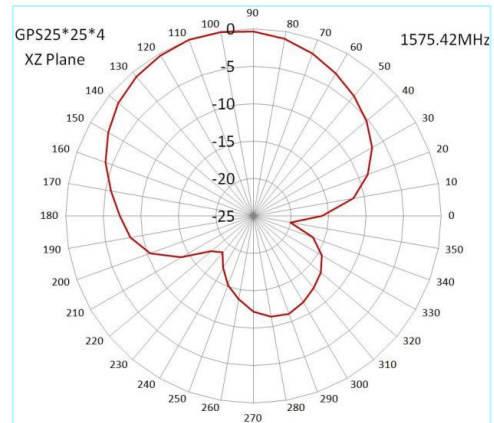
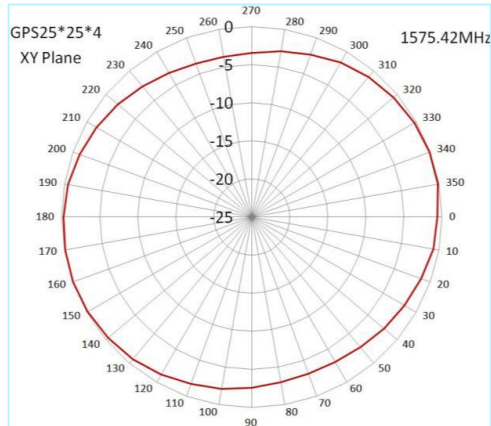
## Specifications

Item		Specifications	
GPS Antenna	Dielectric Antenna	Center Frequency	1575.42±3MHz
		Band Width	CF±5MHz
		Polarization	RHCP
		Gain	2dBic (Zenith)
		V.S.W.R	<1.5
		Impedance	50Ω
		Axial Ratio	3dB (max)
	LNA	Gain	28±2dB
		Noise Figure	<1.5dB
		V.S.W.R	<2.0
	Supply Voltage	2.2~5V DC	
	Current Consumption	< 15mA	
GSM Antenna		Frequency Range	824~960MHz/1710~2170MHz
		V.S.W.R(min)	<2.0
		Polarization	Linear
		Gain	2dBi
		Impedance	50Ω
Mechanical		Cable	5 meters
		Connector	SMA male for all the leads
		Material	ABS
		Mounting Method	Adhesive
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%
		Ingress Protection	IP66
		Vibration	10 to 55Hz with 1.5mm amplitude 2hours
		Environmentally Friendly	ROHS Compliant

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## Radiation Patterns

GPS part Pattern



GSM Part Pattern

