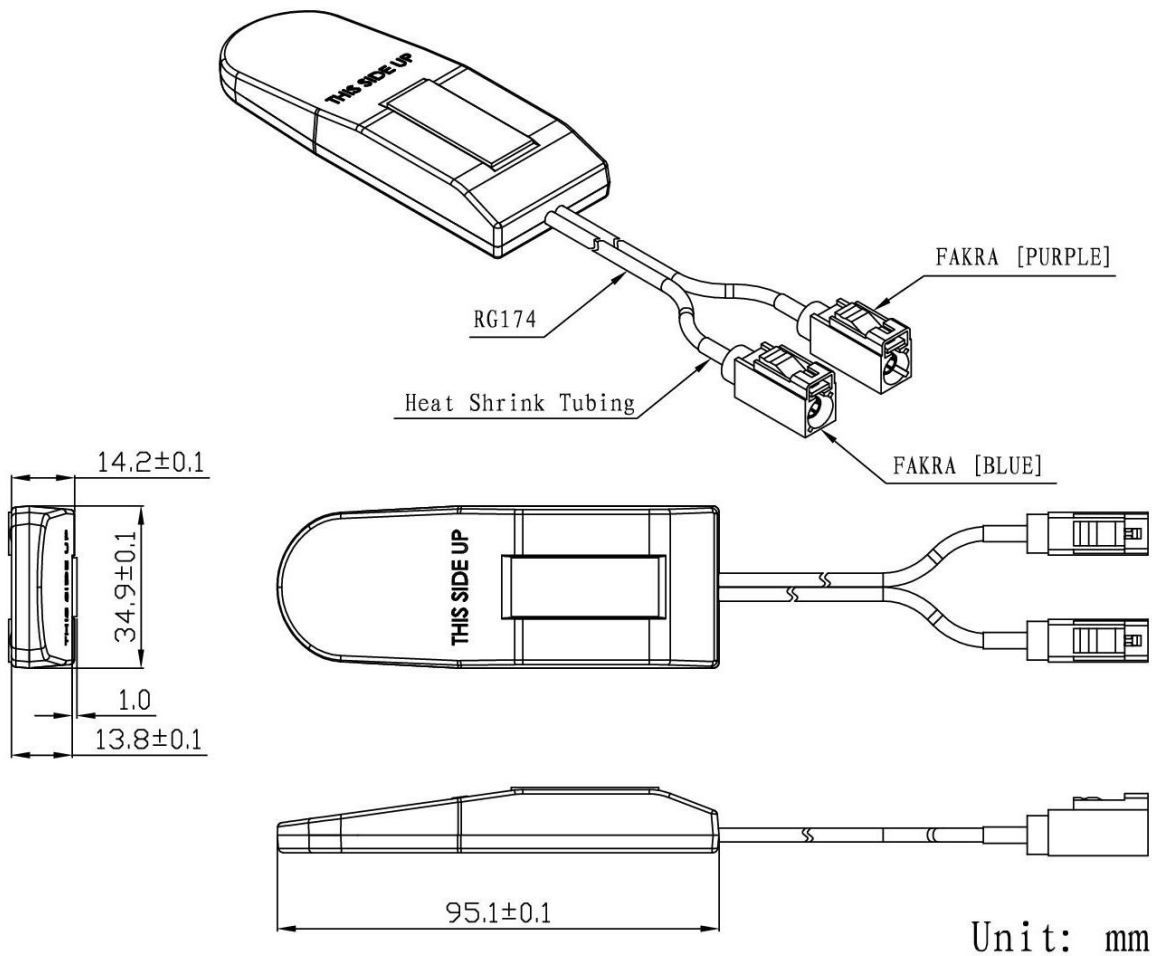


# GPS+GSM Combination Antenna JCB303



## DIMENSIONS



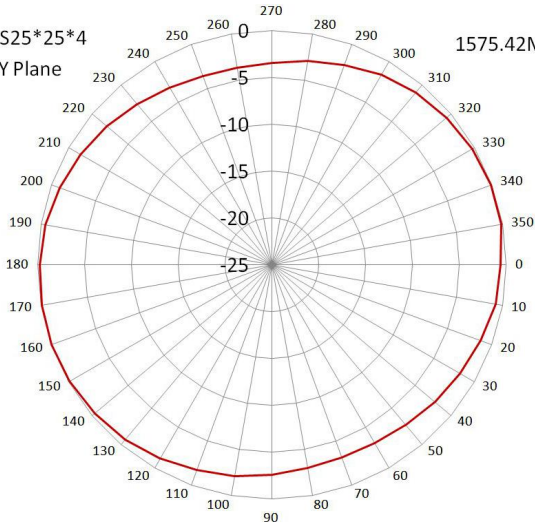
**SPECIFICATIONS**

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	806~960MHz/1710~2170MHz
		V.S.W.R	<2.0
		Polarization	Linear
		Gain	2.5dBi
		Impedance	50Ω
Mechanical		Cable	RG174
		Connector	SMA/MCX/FAKRA or others
		Radome Material	ABS
		Mounting Method	Adhesive
Environmental		Operating Temperature	-40℃~+85℃
		Relative Humidity	Up to 95%
		Vibration	10 to 55Hz with 1.5mm amplitude 2hours
		Environmentally Friendly	ROHS Compliant

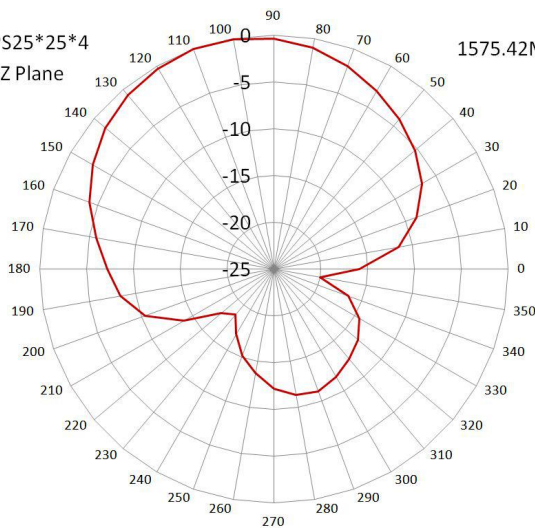
**Radiation Pattern**

GPS Antenna

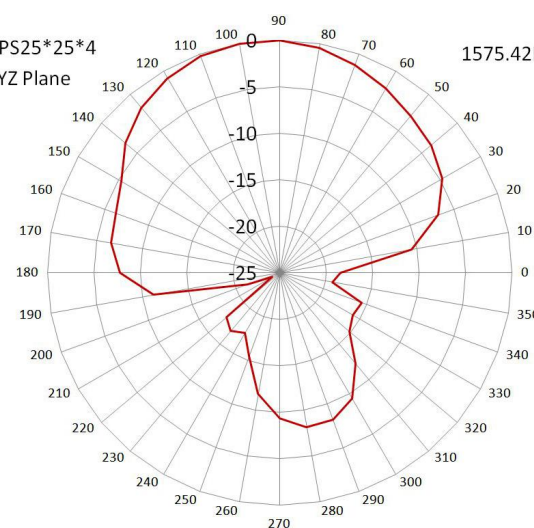
GPS25\*25\*4  
XY Plane 1575.42MHz



GPS25\*25\*4  
XZ Plane 1575.42MHz

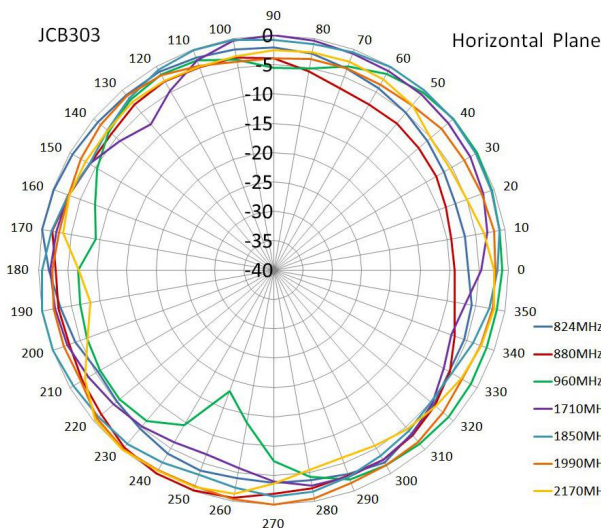


GPS25\*25\*4  
YZ Plane 1575.42MHz



GSM Antenna

JCB303  
Horizontal Plane



JCB303  
Vertical Plane

