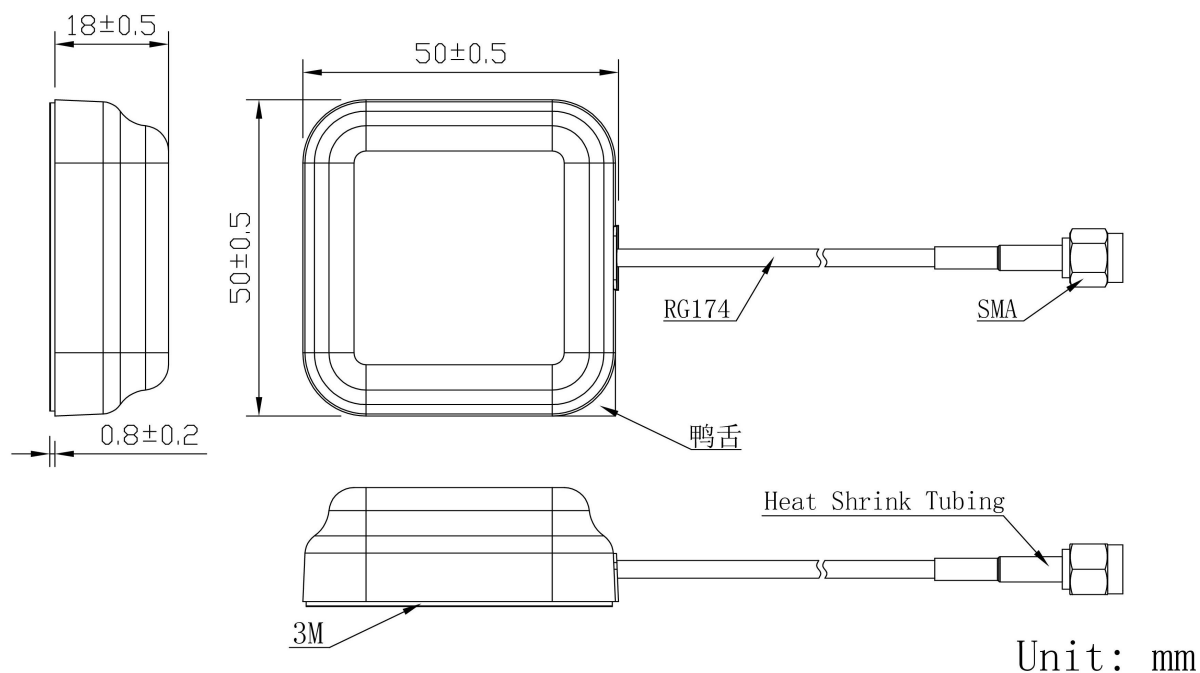


High Accuracy GNSS Active Antenna JCA236



DIMENSIONS



JIAXING JINCHANG ELECTRONIC TECHNOLOGY CO.,LTD

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Jinchang Electron Global Service

SPECIFICATIONS

Item		Specifications
Antenna(2 pins)	Frequency Range	1561.098~1602MHz
	Polarization	RHCP
	Gain	5dBic@PCB (Zenith)
	V.S.W.R	<1.5
	Impedance	50 Ω
	Dimension	33.5*33.5*6mm
	Axial Ratio	3dB (max)
LNA	Gain	28 $\pm$ 2dB
	Noise Figure	$\leq$ 1.5dB
	Supply Voltage	3~5V DC
	Current Consumption	<20mA
	V.S.W.R	<2.0
Mechanical	Cable	RG174
	Connector	SMA or others
	Radome Material	ABS
	Mounting Method	Magnet/Adhesive
Environmental	Operating Temperature	-40 $^{\circ}$ C~+85 $^{\circ}$ C
	Relative Humidity	Up to 95%
	Ingress Protection	IP67
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

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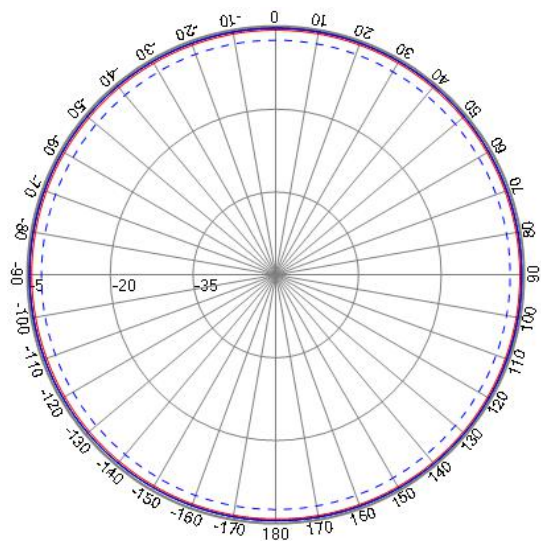
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Radiation Pattern

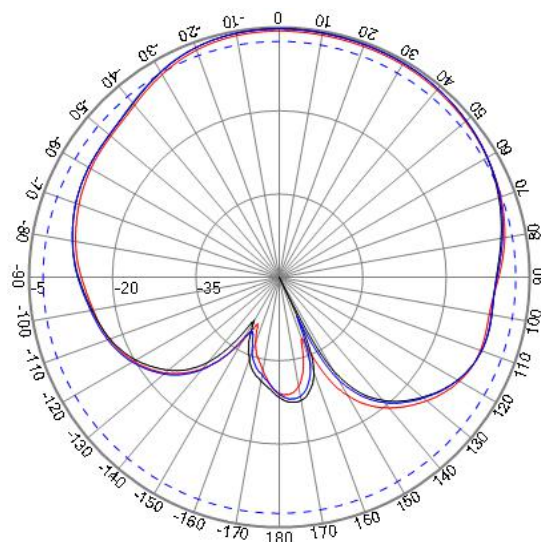


XY-PLANE

Freq: 1602

Freq: 1561

Freq: 1575

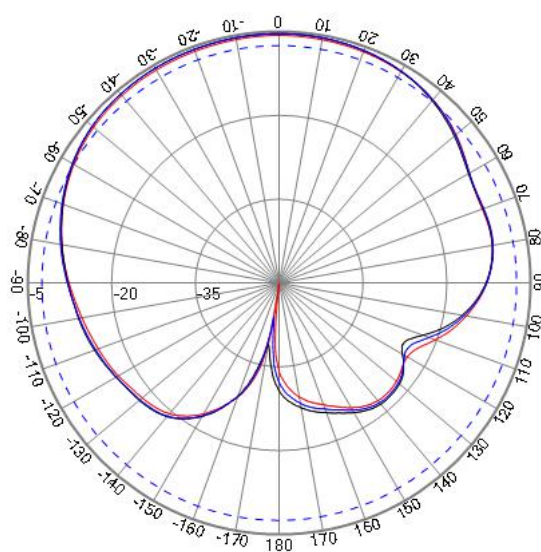


XZ-PLANE

Freq: 1602

Freq: 1561

Freq: 1575



YZ-PLANE

Freq: 1602

Freq: 1561

Freq: 1575