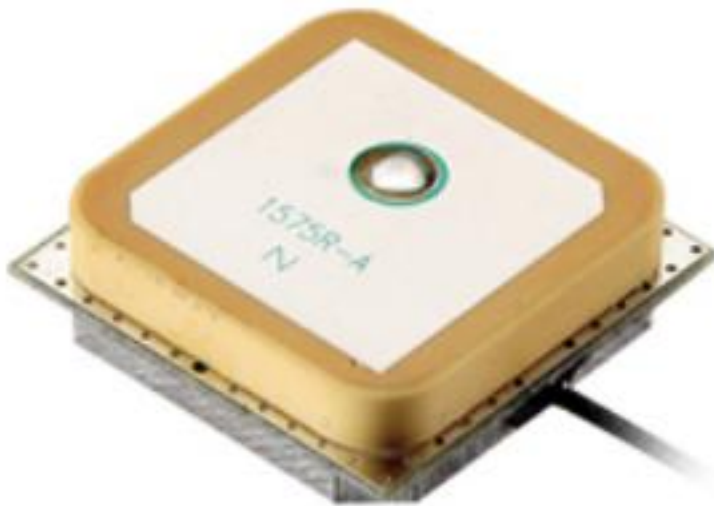
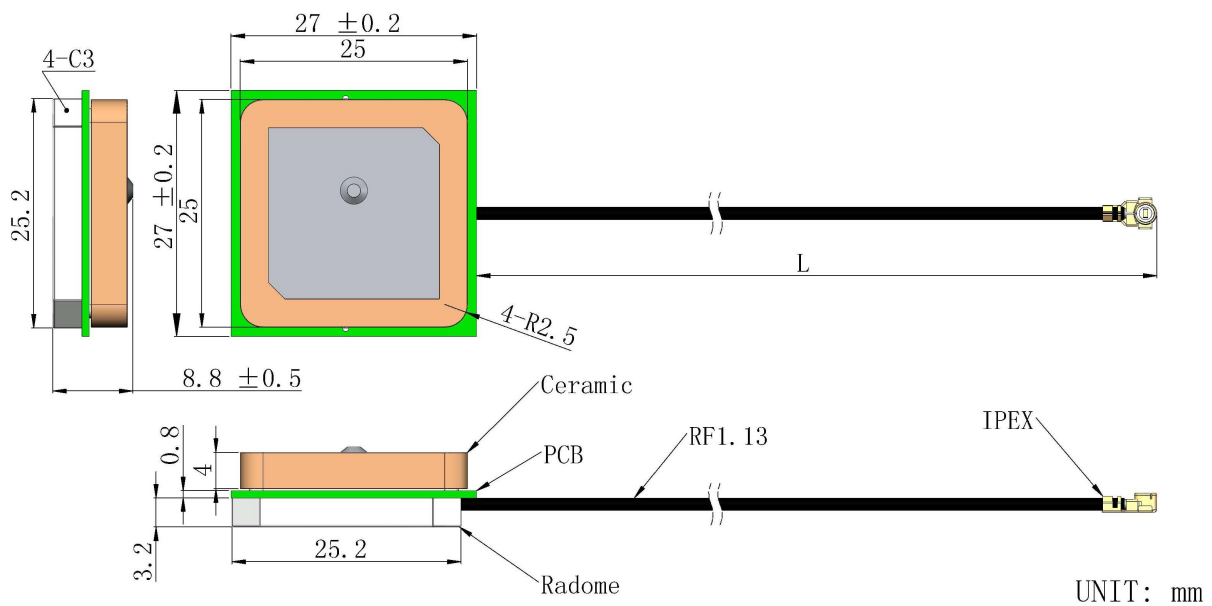


# GPS/GLONASS Internal Active Antenna JCN051



## DIMENSIONS





## SPECIFICATIONS

Item	Specifications	
Antenna	Center Frequency	1575.42-1602MHz
	Band Width	CF $\pm$ 5MHz
	Polarization	RHCP
	Gain	5dBic (Zenith)
	V.S.W.R	<1.5
	Impedance	50 $\Omega$
	Axial Ratio	3dB (max)
	Dimension	25*25*4mm
LNA	Gain	28 $\pm$ 2dB
	Noise Figure	<1.5
	Filter Insertion Loss	<3dB
	Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
	Supply Voltage	2.2~5V DC
	Current Consumption	5~15mA
	V.S.W.R	<2.0
Mechanical	Cable	RF1.13/100MM
	Connector	IPEX or others
Environmental	Operating Temperature	-40 $^{\circ}$ C~+85 $^{\circ}$ C
	Relative Humidity	Up to 75%
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

**Radiation Pattern**

