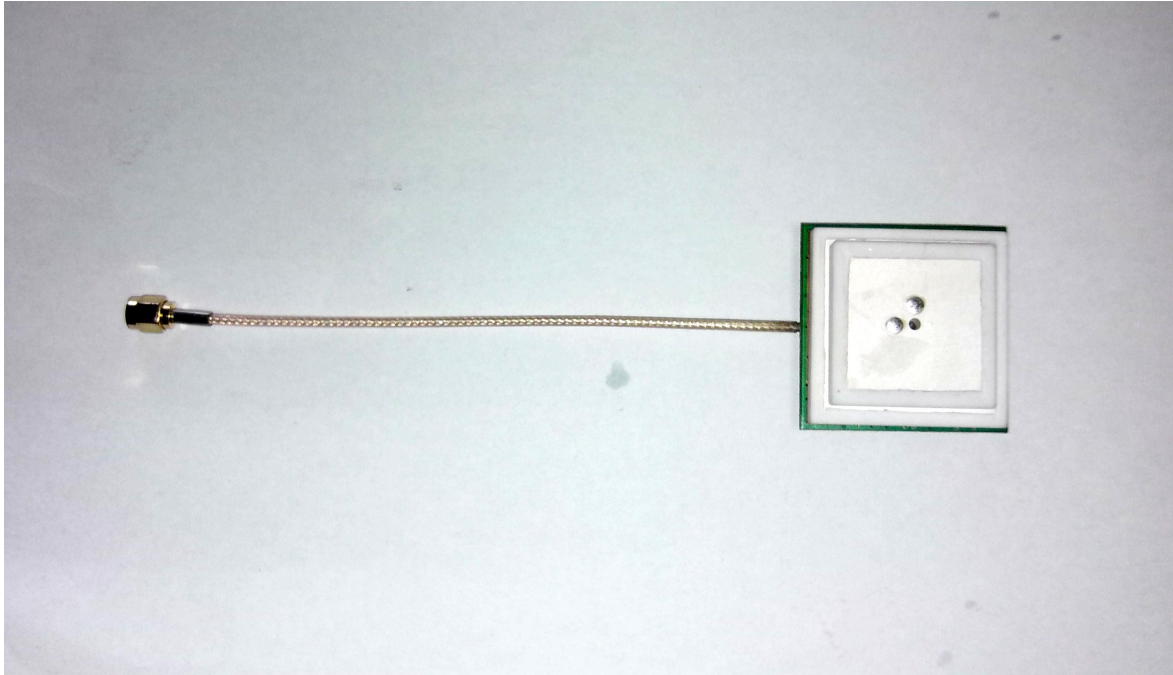
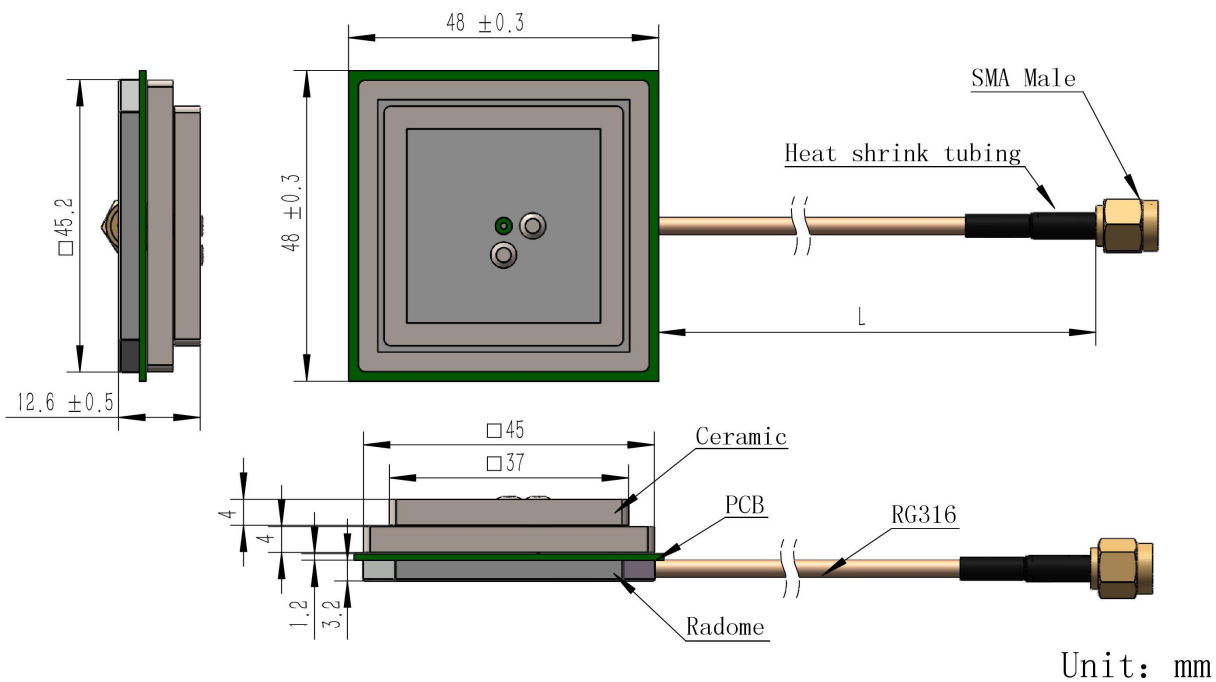


# GNSS Internal Active Antenna JCA231



## DIMENSIONS



**SPECIFICATIONS**

Item		Specifications
Antenna	Frequency	GPS L1/L2 GLONASS L1/L2 COMPASS B1/B2/B3 Galileo E1/E2/E5b
	Polarization	RHCP
	Axial Ratio(min)	≤3dB
	V.S.W.R	≤2.0
	Peak Gain	≥2dBi
	Impedance	50 Ω
	Horizontal coverage angle	360°
LNA	Gain	38 ± 2dB
	Noise Figure	≤1.5dB
	Passband fluctuation	± 1dB
	Supply Voltage	3~5.5V DC
	Current Consumption	≤45mA
	V.S.W.R	≤2.0
Mechanical	Connector	SMA or others
	Cable	RG316 or others
	Mounting Method	Embedded
Environmental	Operating Temperature	-40°C~+85°C
	Relative Humidity	Up to 95%
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant