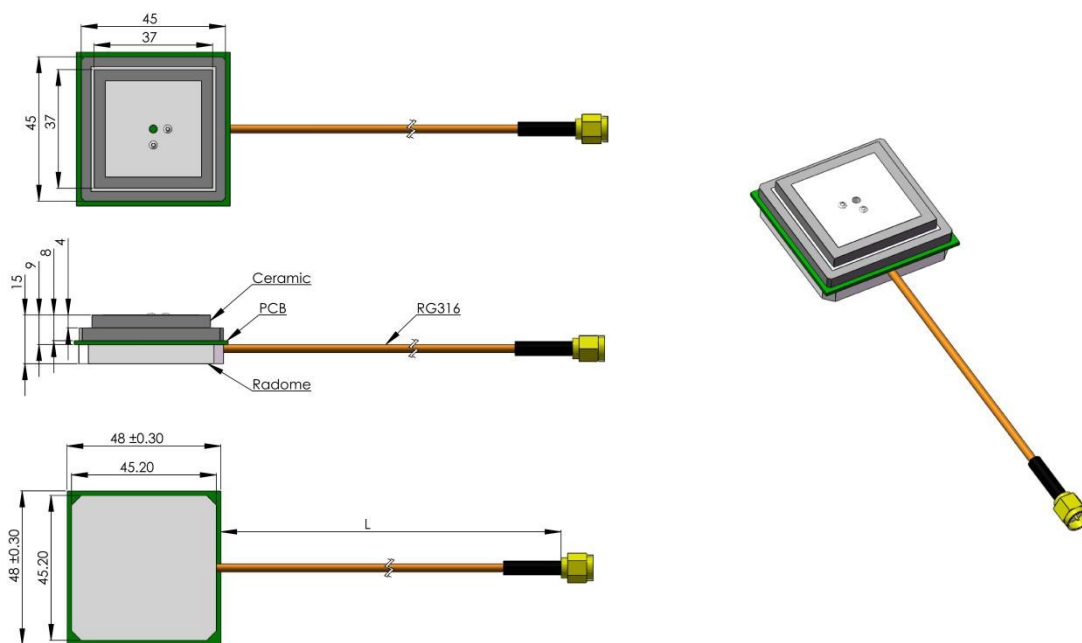


High Precision GNSS Aeria Antenna

90-ANT-7083



DIMENSIONS



Unit:mm

SPECIFICATIONS

Item		Specifications
Antenna	Frequency	GPS L1/L2 GLONASS L1/L2 COMPASS B1/B2 Galileo E1/E2/E5b
	Polarization	RHCP
	Axial Ratio(min)	$\leq 3\text{dB}$
	V.S.W.R	≤ 2.0
	Peak Gain	$\geq 3\text{dBi}$
	Impedance	$50\ \Omega$
	Horizontal coverage angle	360°
LNA	Gain	$35 \pm 2\text{dB}$
	Noise Figure	$\leq 1.5\text{dB}$
	Passband fluctuation	$\pm 1\text{dB}$
	Supply Voltage	3~5.5V DC
	Current Consumption	$\leq 45\text{mA}$
	V.S.W.R	≤ 2.0
Mechanical	Connector	SMA or others
	Cable	RG316 or others
	Mounting Method	Embedded
Environmental	Operating Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
	Relative Humidity	Up to 95%
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant