

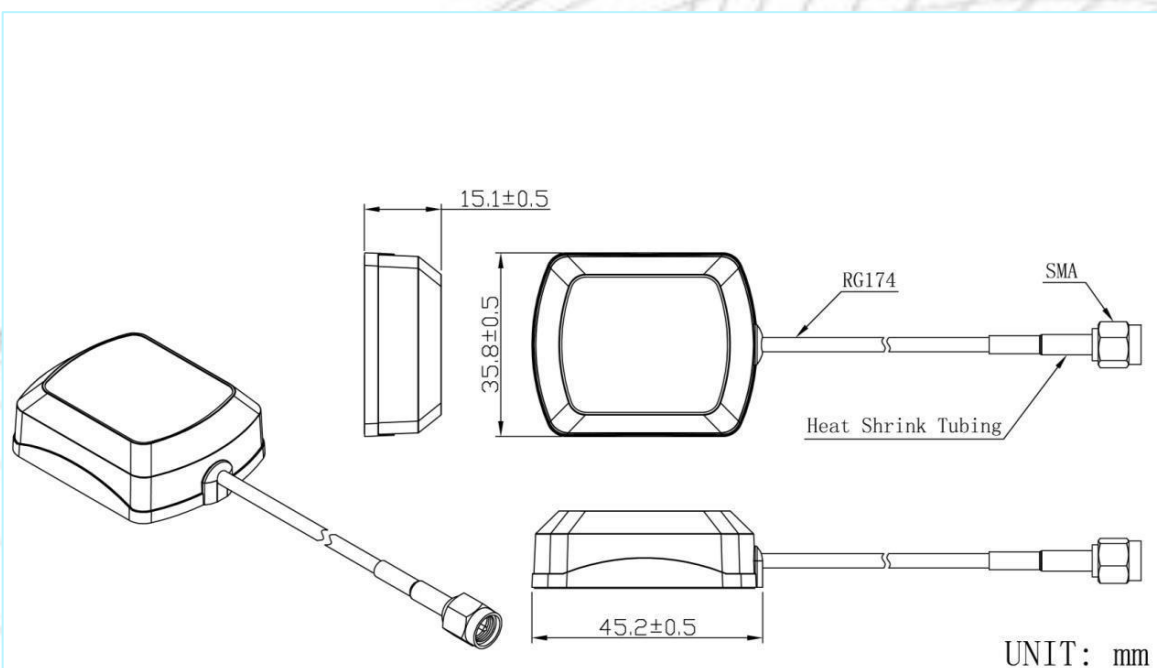


Active GPS and GLONASS Antenna Rectangular Shape Magnet Mount

AN_GPS_A002



Mechanical Dimension



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Specifications

Item		Specifications
Antenna	Frequency Range	1575.42-1602 MHz
	Band Width	CF $\pm$ 5MHz
	Polarization	RHCP
	Gain	2dBic (Zenith)
	V.S.W.R	<1.5
	Impedance	50 Ω
	Axial Ratio	3dB (max)
	Dimension	35.8*45.2*15.1mm
LNA	Gain	28 $\pm$ 2dB
	Noise Figure	<1.5dB
	Filter Insertion Loss	<3dB
	Ex-band Attenuation	12dB@CF+50MHz/16dB@CF-50MHz
	Supply Voltage	2.2~5V DC
	Current Consumption	<15mA
	V.S.W.R	<2.0
Mechanical	Cable	RG174
	Connector	SMA/MCX/FAKRA 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	IP65~IP67
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant

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Radiation Patterns

