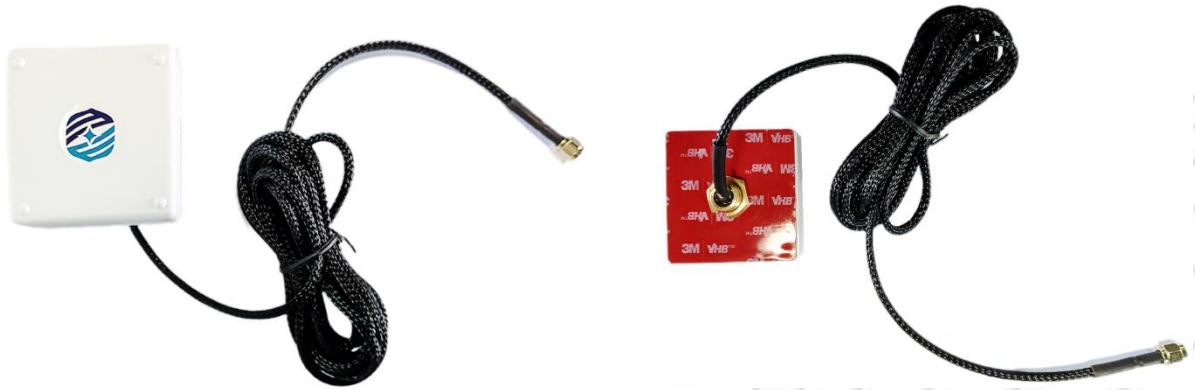
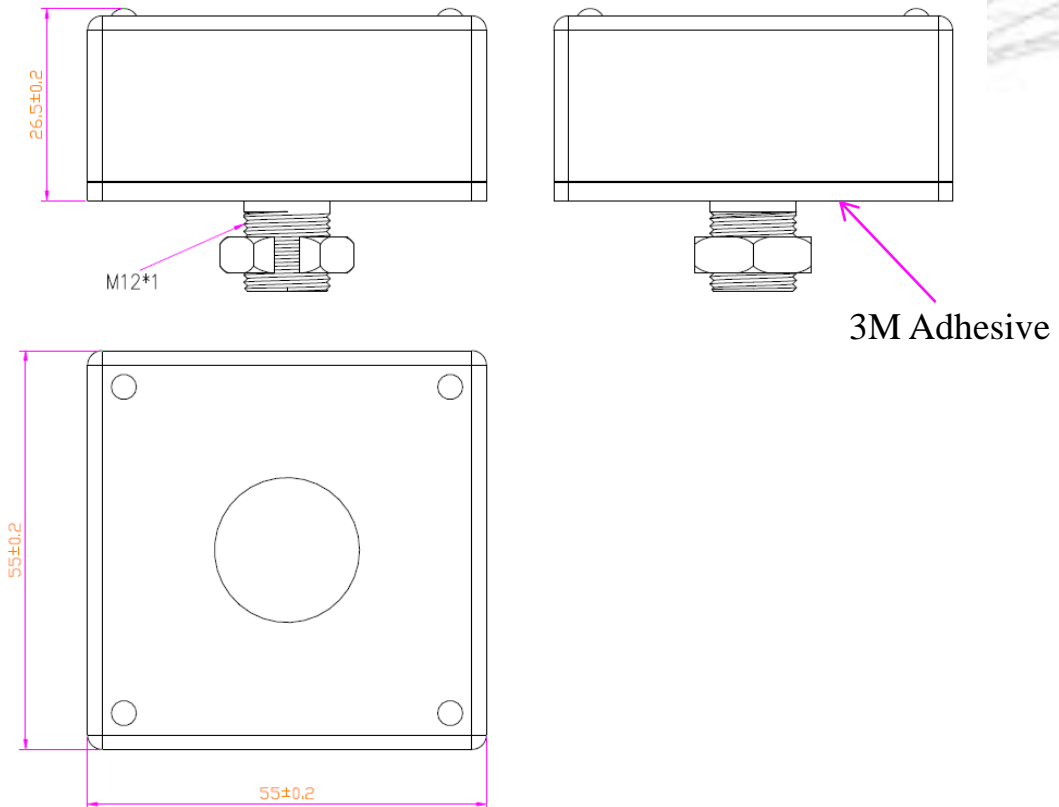


GNSS IP67 Waterproof GNSS High Gain Positioning Antenna

AN_GNSS_401



Mechanical Dimension



GNSS IP67 Waterproof GNSS High Gain Positioning Antenna

Specifications

Item	Specifications	
Antenna	Frequency Range	1561.098~1602MHz GPS L1 GLONASS G1 GAILEO E1 BEIDOU B1
	Polarization	RHCP
	Gain	5dBic@PCB (Zenith)
	V.S.W.R	< 1.5
	Impedance	50Ω
	Axial Ratio	3dB (max)
	Dimension	55 *55 *26.5mm
LNA	Gain	28±2dB
	Noise Figure	≤1.5dB
	Filter Insertion Loss	<3dB
	Supply Voltage	3~5V DC
	Current Consumption	< 20mA
	V.S.W.R	<2.0
Mechanical	Cable	RG174 (3M)
	Connector	SMA or others
	Radome Material	ASA
	Mounting Method	Screw+3M Adhesive
Environmental	Operating Temperature	-40℃~+85℃
	Relative Humidity	Up to 95%
	Waterproof	IP67 (EURO: EN 60529:1991+A1:2000+A2:2013+AC:2019 CHINA: GB/T4208-2017)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
	Environmentally Friendly	ROHS Compliant
	UV Stabilized	YES

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Radiation Patterns

