

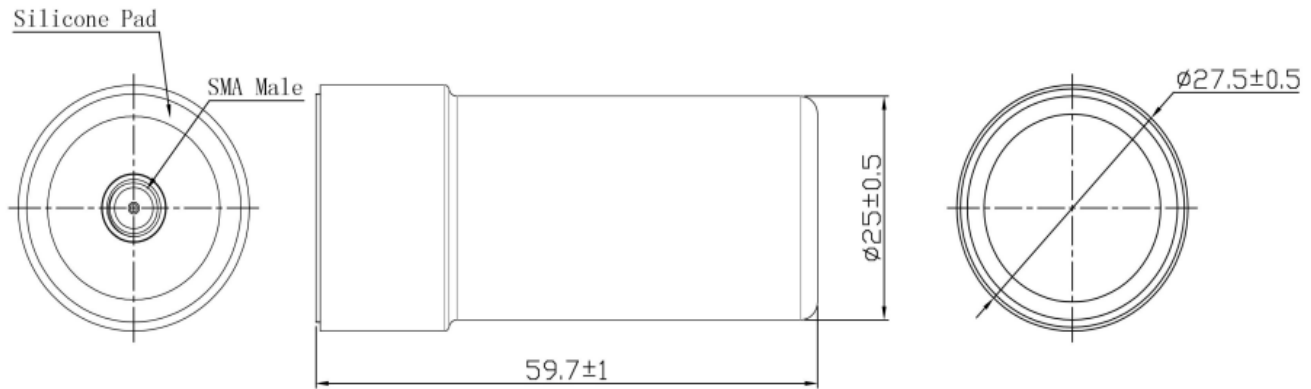
## External Single-port Active GNSS Antenna

- Dual-band, single feed
- Technology: GPS L1 L2 /BD B1 B2 B3
- High gain GNSS antenna (LNA Integrated)
- Adhesive mounting options
- Applications in utilities, tracking, transportation, wireless communications etc.



Item	Performance Specifications
GNSS Antenna Center Frequency	1575/1227MHz
GNSS Antenna Center Polarization	RHCP
GNSS Antenna Axial Ratio	≤3dB
GNSS Antenna V.S.W.R	<2.0
GNSS Antenna Peak Gain	L1≥2dBi L2≥1.5dBi
GNSS Antenna Impedance	50Ω
Horizontal coverage angle	360°
LNA Gain	35±3dB
LNA Noise Figure	≤1.5dB
LNA Supply Voltage	3.3~5.5V DC
LNA Current Consumption	≤50mA
LNA V.S.W.R	≤2.0
Connector	SMA male, fully customized
Dimension	Φ27.5*60mm
Weight	≈20g
Operating Temperature	-40°C~+70°C
Storage temperature	-40°C~+85°C
Ingress Protection	IP677 (exclude connector)
Relative Humidity	Up to 95% (Non condensing)
Environmentally Friendly	ROHS Compliant

## Antenna Mechanical Drawing



Unit:mm