

## External Single-port Active GNSS Antenna

- Tri-band, single feed
- Technology: GPS L1 L2 L5/BD B1 B2 B3
- High gain GNSS antenna (LNA Integrated)
- Magnet/Adhesive mounting options
- Applications in utilities, tracking, transportation, wireless communications etc.



Item	Performance Specifications
GNSS Antenna Center Frequency	1176MHz/1226MHz/1575MHz
GNSS Antenna Center Polarization	RHCP
GNSS Antenna Axial Ratio	≤3dB
GNSS Antenna V.S.W.R	<2.0
GNSS Antenna Peak Gain	≥7dBi
GNSS Antenna Impedance	50Ω
GNSS Antenna Phase Center Error	±1.5mm
Horizontal coverage angle	360°
LNA Gain	45±2dB
LNA Noise Figure	≤2dB
LNA Passband fluctuation	±1.5dB
LNA Supply Voltage	3~16V DC
LNA Current Consumption	≤60mA
LNA P1dB	≥0dBm
LNA V.S.W.R	≤2.0
Connector	TNC-K, fully customized
Radome Material	ABS
Dimension	Φ380*300mm
Operating Temperature	-40°C~+85°C
Storage temperature	-55°C~+85°C
Relative Humidity	Up to 95% (Non condensing )
Environmentally Friendly	ROHS Compliant

## Antenna Mechanical Drawing

