

## External Single-port Active GNSS Antenna

- Single-band, single feed
- Technology: GPS L1 /BD B1
- High gain GNSS antenna (LNA Integrated)
- Screw mounting
- Applications in utilities, tracking, transportation, wireless communications etc.



Item	Performance Specifications
GNSS Antenna Center Frequency	1559-1610MHz
GNSS Antenna Center Polarization	RHCP
GNSS Antenna Axial Ratio	≤3dB
GNSS Antenna V.S.W.R	≤2.0
GNSS Antenna Peak Gain	≥3dBi
GNSS Antenna Impedance	50Ω
Horizontal coverage angle	360°
Vertical Coverage Angle	5°~90°
LNA Gain	B1/L1: 38±2dB
LNA Noise Figure	≤1.5dB
LNA Passband fluctuation	±1.5dB
LNA Supply Voltage	3.3~12V DC
LNA Current Consumption	≤30mA
LNA V.S.W.R	≤2.0
Connector	TNC-K, fully customized
Dimension	Φ68 mm
Weight	≤150g
Mounting Method	Magnet/Screw
Operating Temperature	-40°C~+85°C
Storage temperature	-40°C~+85°C
Ingress Protection	IP677
Relative Humidity	Up to 95% (Non condensing)
Environmentally Friendly	ROHS Compliant

## Antenna Mechanical Drawing

