

## External Single-port Active GNSS Antenna

- Technology: GPS L1 L2 L5/BD B1 B2 B3
- High gain GNSS antenna (LNA Integrated)
- Screw mounting
- Applications in utilities, tracking, transportation, wireless communications etc.



Item	Performance Specifications
GNSS Antenna Center Frequency	1176MHz/1226MHz/1575MHz
GNSS Antenna Polarization	RHCP
GNSS Axial Ratio	3dB (max)
GNSS Antenna Peak Gain	≥3dBi
GNSS Antenna V.S.W. R	≤2.0
GNSS Antenna Impedance	50 Ω
Horizontal Coverage Angle	360°
Vertical Coverage Angle	5°~90°
LNA Gain	B1/L1: 40±2dB B2/L2/L5: 42±2dB
LNA Noise Figure	≤1.5dB
LNA V.S.W. R	≤2.0
LNA Supply Voltage	3.3~12V DC
Current Consumption	≤60mA
Cable	RG58, fully customized
Connector	BNC, fully customized
Radome Material	ABS
Mounting Method	Screw, fully customized
Operating Temperature	-40°C~+70°C
Relative Humidity	Up to 95% (Non condensing)
Ingress Protection	IP67

## Antenna Mechanical Drawing

