

External Single-port Active GNSS Antenna

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



Item	Performance Specifications
GNSS Antenna Center Frequency	1176MHz/1227MHz/1575MHz
GNSS Antenna Center Polarization	RHCP
GNSS Antenna Axial Ratio	≤3dB
GNSS Antenna V.S.W.R	≤1.5
GNSS Antenna Peak Gain	≥4dBi
GNSS Antenna Impedance	50Ω
GNSS Antenna Phase Center Error	±2mm
Horizontal coverage angle	360°
LNA Gain	40±2dB
LNA Noise Figure	≤1.5dB
LNA Passband fluctuation	±1.5dB
LNA Supply Voltage	3~12V DC
LNA Current Consumption	≤60mA
LNA V.S.W.R	≤2.0
Connector	SMA, fully customized
Cable	RG174, fully customized
Radome Material	ABS
Mounting Method	Screw
Operating Temperature	-40°C~+85°C
Ingress Protection	IP67 (exclude cable outlet)
Relative Humidity	Up to 95%
Environmentally Friendly	ROHS Compliant

Antenna Mechanical Drawing

