



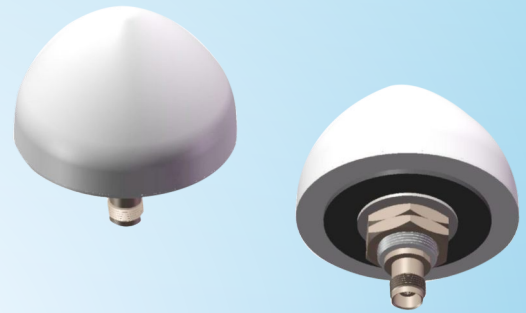
GNSS/IRNSS ACTIVE ANTENNA

P/N: V3N-GGI-106

The V3N-GGI-106 is a high Gain (40dB) GNSS antenna covering the GPS L1, GLONASS L1, IRNSS L5 and SBAS (WAAS, EGNOS & MSAS), Cover in Higher frequency band BDS-B1/GPS-L1/GLONASS-G1:1561.098~1602MHz Lower Band GPS-L5&L2/Galileo-E5a&E5b/BDS-B2/IRNSS L5 :1176~1227MHz. It is especially designed for precision industrial, agricultural and military applications.

- Applications:
- Timing applications
 - Fixed installations
 - Cost Sensitive Mission Critical Positioning
 - Military & Security

Item	Specifications	
Antenna	Frequency Range	High Band BDS-B1/GPS-L1/GLONASS-G1:1561.098~1602MHz Low Band GPS-L5&L2/Galileo-E5a&E5b/BDS-B2/IRNSS L5:1176~1227MHz
	Polarization	RHCP
	Gain	3dBic@PCB (Zenith)
	V.S.W.R	<1.5
	Impedance	50Ω
LNA	Gain	38±2dB
	Noise Figure	≤1.5dB
	Supply Voltage	3.3~12V DC
	Current Consumption	<50mA
	V.S.W.R	<2.0
Mechanical	Connector	TNC-K
	Dimension	Φ66.5 mm
	Radome Material	ABS
	Weight	≈150g
Environmental	Operating Temperature	-40°~+85°C
	Storage temperature	-40°~+85°C
	Relative Humidity	Up to 95% (Non condensing)
	Ingress Protection	IP67
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Environmentally Friendly	ROHS Compliant	



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