

# L1/L2/L5 ACTIVE GNSS ANTENNA

## GENERAL DESCRIPTION

Active GNSS Antenna that could work at high gain in L1/L2/L5 GNSS bands with sharp filtering thanks to integrated SAW filter.

### Electrical

Frequency Range	L1: 1563 MHz to 1587 MHz
	L2: 1215 MHz to 1239.6 MHz
	L5: 1189 MHz to 1214 MHz
Gain	L1: 4.98 dBi
	L2: 3.2 dBi
	L5: 2.9 dBi
Polarization	RHCP
3-dB Beamwidth	360° Az, 120° El
Impedance	50 Ohm
Connectors	SMA

### Mechanical

Material	Aluminum Alloy/ABS Radome
Surface Finish	Anodized
Dimension (mm)	82 x 82 x 23
Weight (g)	265

### Operating Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000ft

### Storage Conditions

Temperature	-40°C to +85°C
Humidity	%95 R.H.
Altitude	50000ft

### Environmental Test Standards

Mechanical	MIL-STD-810G
EMI/EMC	MIL-STD-461F

