

L1/L2 ACTIVE GNSS ANTENNA

GENERAL DESCRIPTION

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

Electrical

Frequency Range	L1: 1559 MHz to 1606 MHz L2: 1197 MHz to 1249 MHz
Gain	L1: 3.5 dBi L2: 2.0 dBi
Polarization	RHCP
3-dB Beamwidth	360° Az, 95° El
Impedance	50 Ohm
Connectors	SMA

Mechanical

Material	Aluminum Alloy/ABS Radome
Surface Finish	Anodized
Dimension (mm)	60 x 80 x 22
Weight (g)	110

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

