



# L1&L2 GPS Antenna

## MODEL: DS-25P/ DS-25A

Dual-band L1/L2 Passive/Active GPS Antenna



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### Features

- Dual-band L1 (1565Mhz~1585MHz)/L2 (1217Mhz~1237MHz) passive/Active GPS antenna
- Excellent protection against rain and ice.
- Solution for high-speed aircraft and dual frequency surveying applications
- Solution for the military vehicle requiring high precision
- Active GPS antenna is optional



### Specifications (passive type)

Electrical	
Frequency	L1: 1565Mhz~1585MHz, L2: 1217Mhz~1237MHz
VSWR	1.3:1
Polarization	RHCP
Impedance	50 ohms
Antenna Gain	2 dBic for L1 & 2 dBic for L2 @ Zenith
Power Handling	1 W
Connector	TNC (Jack)
Mechanical	
Weight	244g
Dimensions	4.5" in diameter & 2.9" in height
Material	Thermosetting plastic
Environmental	
Temperature	-40°C ~ +85°C
Storage temp	-50°C ~ +95°C
Vibration	10G's
Altitude	20,000m

\* This specification is subject to change without prior notice



### Specifications (active type)

Electrical	
Frequency	L1: 1565MHz~1585MHz, L2: 1217Mhz~1237MHz
Polarization	RHCP
Impedance	50 ohms
Antenna Gain	2 dBic for L1 & 2 dBic for L2 @ Zenith
Power Handling	1 W
Connector	TNC (Jack)
Amlifier	
Amplifier Gain	28 dB typical
Noise Figure	2.8dB typical
VSWR	2.1:1
DC Voltage	3.3~5.0 Volt.
DC Current	TNC (Jack) 11mA +/- 3mA
Mechanical	
Weight	244g
Dimensions	4.5" in diameter & 2.9" in height
Material	Thermosetting plastic
Environmental	
Temperature	-40°C ~ +85°C
Storage temp	-50°C ~ +95°C
Vibration	10G's
Altitude	20,000m