

GPS ANTENNA

Part No.: P1 Active Antenna

SPECIFICATIONS

Antenna:	
Frequency	1575.42 ± 3 MHz
VSWR	2.0 Max.
Bandwidth	10 MHz Min.
Axial Ratio	3 dB Typical
Impedance	50 Ω
Peak Gain	4 dBic Min.
Gain Coverage	≥ -4dBic at -90°≤ θ≤90°(over 75% volume)
Power Handling	1 watt
Polarization	RHCP
Amplifier Module:	
Amplifier Gain without cable	27 dB Typical
Noise Figure	1.5 dB Typical
Filtering	-30dB (±100 MHz)
Output VSWR	2.0Max
DC Voltage	DC 5.0 ± 0.5V or 3.3V ± 0.3V
DC Current	14 mA Max.
Mechanical:	
Weight	35 gram Max. (Without Cable) 120grams Max. (With Cable)
Size	49.3 X 49.3X17 mm
Cable	RG 174 with 5 meter long
Connector	SMA / MCX / MMCX (Plug)
Mounting	Magnetic base
Housing Color	Black
Environmental:	
Working Temperature	-40°C < T < +105°C
Storage Temperature	-40°C < T < +110°C
Vibration	Sine Sweep, 1G(0-P), 10-150-10Hz each axis
Humidity	95%~100% RH

OUTLINE DIMENSIONS

