

Laipac Technology Inc.

Antenna Specification

DATE

Sept 15,2010

DESCRIPTION

GPS Active Antenna

MODEL NO.

GLP1-RA SMA-5M-3V

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GPS ANTENNA

Model No.: GLP1-RA SMA-5M-3V

SPECIFICATIONS

Antenna:	
Frequency	1575.42 ± 3 MHz
VSWR	1.5 Max.
Bandwidth	20 MHz Min. at -10 dB
Axial Ratio	3 dB Typical
Impedance	50 Ω
Peak Gain	4 dBic Min. (7 cm×7 cm ground plane)
Gain Coverage	≥ -4dBic at -90°≤ θ≤90°(over 75% volume)
Power Handling	1 watt
Polarization	RHCP
Amplifier Module:	
Amplifier Gain	27 dB Typical
Noise Figure	1.5 dB Typical
Output VSWR	2.0 Max.
DC Voltage	DC 2.7V to 3.6V
DC Current	9 ±3 mA
Mechanical:	
Weight (Without Cable)	65 grams Max.
Size	60mm Dia. X 22mm
Cable	5M RG174
Connector	SMA straight plug
Label	Laipac logo
Mounting	Thread permanent mount
Housing Color	Black color
Environmental:	
Working Temperature	-40°C < T < +85°C
Storage Temperature	-50°C < T < +95°C
Vibration	Sine Sweep, 1G(0-P), 10-150-10Hz each axis
Humidity	95%~100% RH
Weatherproof	waterproof

