

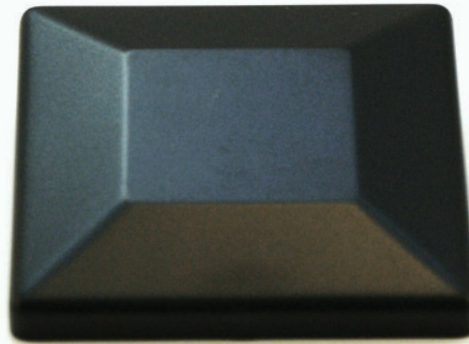


GPS
NETWORKING

L1RRKPAS

L1 GPS Passive Antenna

Technical Product Data



Electrical Specifications, $T_A = 25^{\circ}\text{C}$

Parameter	Conditions		Max	Units
Center Frequency		1575.42 +/-3		MHz
Impedance		50		Ω
Polarization	Right-hand circularly polarized,			
Axial Ration			3	dB
VSWR		1.5:1		-
Power Handling			1	Watt
Peak Gain		4		dBic
Gain Coverage	$\geq -4\text{dBic}$ at $-90^{\circ} \leq \theta \leq 90^{\circ}$ (over 75% volume)			

Mechanical:	
Weight	48g max.
Size	66 x 66 x 18 mm
Connector	SMA female
Environmental:	
Working Temperature	$-40^{\circ}\text{C} < T < +85^{\circ}\text{C}$
Storage Temperature	$-50^{\circ}\text{C} < T < +95^{\circ}\text{C}$
Vibration	Sine Sweep,1G(0-P),10-150-10Hz each axis
Humidity	95%~100% RH