

Patch Antennas

GPS/ GLONASS Applications



LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-GPS-PASSIVE-LP-03 (V1.0)	
Frequency (MHz)	1575 +/- 20MHz	
Gain	> 2.5dBi	
Impedance (Ω)	50	
VSWR	< 2.0	
Polarization	Linear	
Power Handling (W)	2 W	
HPBW	H: 360 ⁰ ; V: 60 ⁰	
Cable	As required	
Connector	As required	
Mechanical Specification		Salient Features
Dimension (mm)	42 x 18 x 3	<ul style="list-style-type: none"> - Low Cost - Passive
Material	FR4	
Weight including Mounting Brackets	< 10 g	
Environmental Specification		Applications
Operational Temperature	-40 ⁰ to 85 ⁰ C	<ul style="list-style-type: none"> - GPS
Humidity	15 – 75%	