

Patch Antennas

GPS/ GLONASS Applications

Technical Specification		Photograph / Drawing
Model Number	LWC-GPS-PASSIVE-CP-03 (V1.0, PIN)	
Frequency (MHz)	1575 +/- 3MHz	
Gain	> 2.5dBi	
Impedance (Ω)	50	
VSWR	< 2.0	
Polarization	Right Hand Circular Polarized	
Power Handling (W)	2W	
HPBW	H: 65 $^{\circ}$; V: 65 $^{\circ}$	
Axial Ratio (dB)	< 3.0	
Cable	-	
Connector	-	
Mechanical Specification		Salient Features
Dimension (mm)	25 x 25 x 5	<ul style="list-style-type: none">- High Quality Ceramic- Low Cost- Passive
Material	Ceramic	
Weight including Mounting Brackets	10 g	
Environmental Specification		Applications
Operational Temperature	-40 $^{\circ}$ to 85 $^{\circ}$ C	<ul style="list-style-type: none">- GPS
Humidity	15 – 75%	

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