

PCB Antennas

GSM Applications



LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-GSM-PCB-03 (V1.0)	A photograph of the LWC-GSM-PCB-03 antenna. It consists of a green PCB with a rectangular shape and a small antenna element on the surface. A blue coaxial cable is attached to the top of the PCB, ending in a gold-colored connector.
Frequency (MHz)	824-960MHz & 1710-1980MHz	
Gain	~1.2/ 2 dBi	
Impedance (Ω)	50	
VSWR	< 2.0	
Polarization	Linear	
Power Handling (W)	10	
HPBW	H: 360°; V: 30° / 40°	
Cable	10cm 1.13mm coax cable	
Connector	MHF1/ UFL	
Mechanical Specification		Salient Features
Dimension (mm)	40 x 7 x 5	<ul style="list-style-type: none">- Compact Size- Low Cost- Masking for corrosion-free
Mounting	3M Adhesive Tape	
Weight	1g	
Environmental Specification		Applications
Operational Temperature	-30° to 60° C	<ul style="list-style-type: none">- GSM- GPRS
Humidity	5 – 75%	

LAMBDOID WIRELESS COMMUNICATIONS

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