

Internal PCB Antennas

2G / 3G / 4G / 5G / WiFi Applications



LAMBDOID
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-MB-PCB-03 (V1.0)	
Frequency (MHz)	698-960MHz, 1710-2690MHz & 3400 – 3800MHz	
Gain	~ 2/ 2.5/ 3.5 dBi	
Impedance (Ω)	50	
VSWR	< 3.0	
Polarization	Linear	
Power Handling (W)	05	
HPBW (degree)	H: 360 ^o ; V: 30 ^o /40 ^o /45 ^o	
Cable	Coax 0.81/ 1.13mm/ RG178/ RG316	
Cable Length	As required (suggested upto 20cm)	
Connector	MHF1 / MHF4 / SMA / MCX / MMCX	
Mechanical Specification		Salient Features
Dimension (mm)	100 x 20 x 3 (with adhesive and cable)	<ul style="list-style-type: none"> - Compact Size - High quality, low Cost - Masking for corrosion resistance.
Mounting	3M Adhesive Tape	
Weight	5g	
Environmental Specification		Applications
Operational Temperature	-30 ^o to 60 ^o C	<ul style="list-style-type: none"> - 2G - 3G - 4G - 5G - Wi-Fi
Humidity	5 – 75%	

LAMBDOID WIRELESS COMMUNICATIONS

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