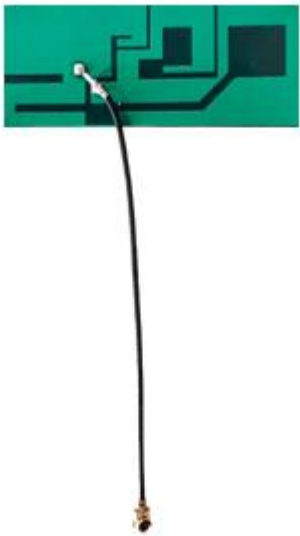


# Internal PCB Antennas

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



**LAMBDOID**  
WIRELESS

Technical Specification		Photograph / Drawing
Model Number	LWC-MB-PCB-03 (V2.0, 10cm UFL)	
Frequency (MHz)	698-960MHz, 1710-2690MHz & 3400 – 3800MHz	
Gain	~ 2/ 2.5/ 3.5 dBi	
Impedance ( $\Omega$ )	50	
VSWR	< 3.0	
Polarization	Linear	
Power Handling (W)	05	
HPBW (degree)	H: 360 <sup>0</sup> ; V: 30 <sup>0</sup> /40 <sup>0</sup> /45 <sup>0</sup>	
Cable	10cm 1.13mm coax	
Cable Length	10cm	
Connector	UFL	
Mechanical Specification		Salient Features
Dimension (mm)	50 x 21 x 0.4 mm	<ul style="list-style-type: none"> <li>- Compact Size</li> <li>- High quality, low Cost</li> <li>- Masking for corrosion resistance.</li> </ul>
Mounting	3M Adhesive Tape	
Weight	5g	
Environmental Specification		Applications
Operational Temperature	-30 <sup>0</sup> to 60 <sup>0</sup> C	<ul style="list-style-type: none"> <li>- 2G</li> <li>- 3G</li> <li>- 4G</li> <li>- 5G</li> <li>- Wi-Fi</li> </ul>
Humidity	5 – 75%	

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