

# LTE 3G & GSM Full Band PCB Substrate Antenna

**MODEL: WC75D1L**

**P/N: H2B1MF1A2F0100**



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All specifications subject to change without notice.

## Features

- Stable and reliable in performances
- Compact size
- RoHS2.0 compliance

## Applications

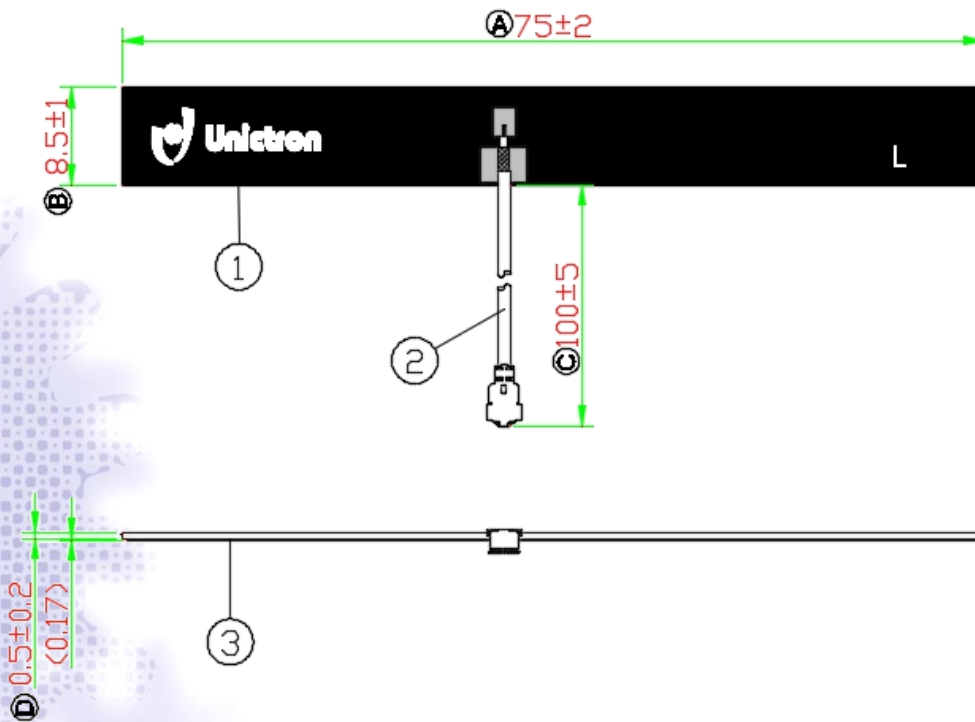
- LTE Full Band/ 3G/ GSM
- Automotive sensors
- Smart home devices

## Specifications

Items	Specifications			
<b>Frequencies (MHz)</b>	698~960	1710~2170	2300~2400	2490~2690
<b>Efficiency (%)</b>	38 Typ.	63 Typ.	53 Typ.	60 Typ.
<b>Average Gain (dB)</b>	-4.2 Typ.	-2.0 Typ.	-2.7 Typ.	-2.2 Typ.
<b>Peak Gain (dBi)</b>	0.2 Typ.	3.6 Typ.	2.0 Typ.	3.1 Typ.
<b>Impedance (<math>\Omega</math>)</b>	50			
<b>Polarization</b>	Linear Polarization			

Mechanical Specifications	
<b>Dimensions (mm)</b>	75 (L) x 8.5 (W) x 0.5 (H)
Environmental Conditions	
<b>Operation Temperature (<math>^{\circ}\text{C}</math>)</b>	-40 ~ +85
<b>Storage Temperature (<math>^{\circ}\text{C}</math>)</b>	-5 ~ +40
<b>Relative Humidity</b>	10 ~ 70 %

## Mechanical Dimensions (unit : mm)



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