

# GSM & 3G PCB Substrate Antenna

**MODEL: WC75D1**

**P/N: H2B1KF1A1N0200**



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All specifications subject to change without notice.

## Features

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

## Applications

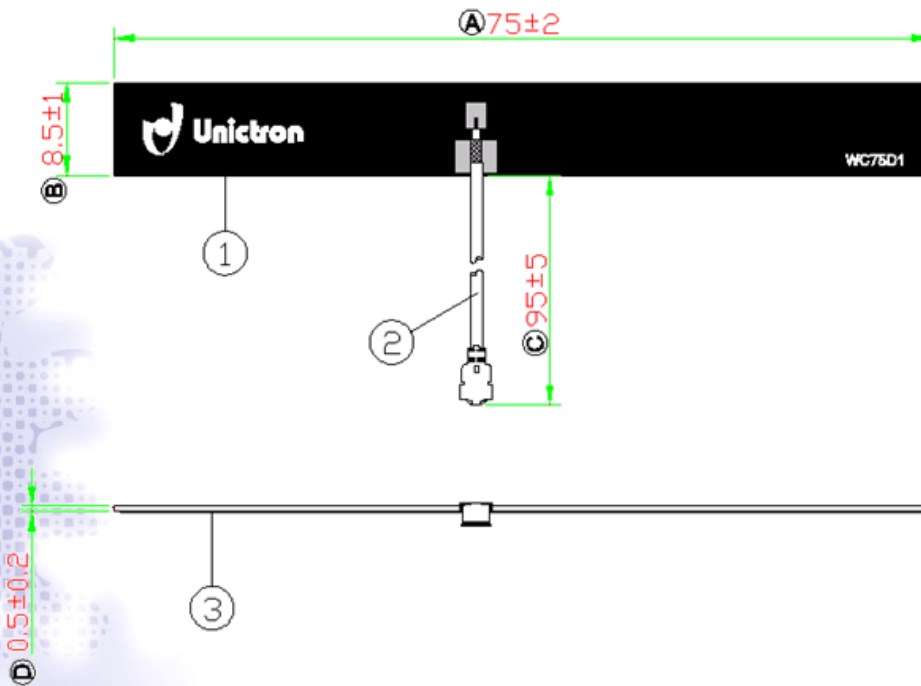
- Machine-to-machine wireless communication
- Smart home devices
- GSM/3G position routers & tracking systems

## Specifications

Items	Specifications	
Frequencies (MHz)	824~960	1710~2170
VSWR	3 Max. Typ.	3 Max. Typ.
Efficiency (%)	40 Typ.	66 Typ.
Average Gain (dB)	-4.0 Typ.	-1.8 Typ.
Peak Gain (dBi)	0.6 Typ.	3.9 Typ.
Impedance ( $\Omega$ )	50	
Polarization	Linear Polarization	

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

## Mechanical Dimensions (unit : mm)



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