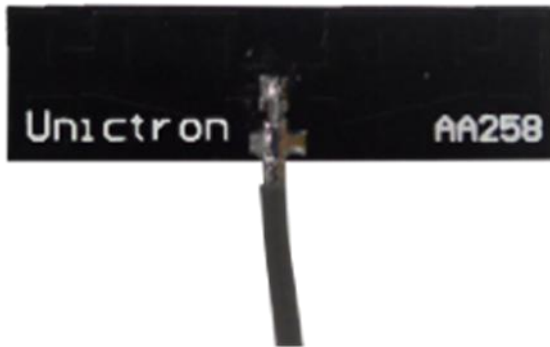


# WiFi Dual Band PCB Substrate Antenna

**MODEL: AA258**

**P/N: H2B1PC1A1C0100**



## Features

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

## Applications

- IEEE802.11(a/b/g/n/ac)
- Hand-held devices when IEEE802.11(a/b/g/n/ac) functions are needed

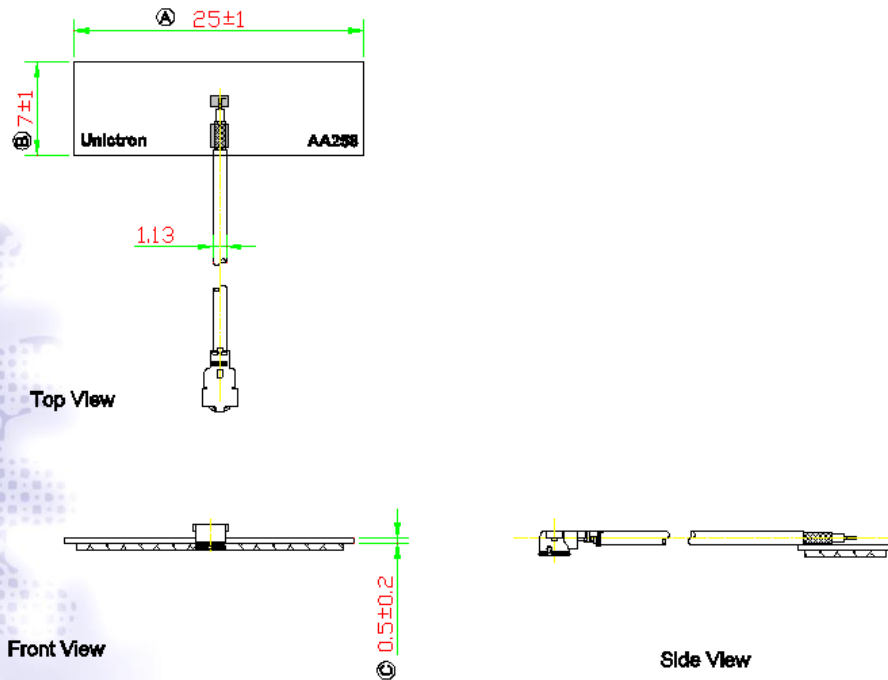
## Specifications

Items	Specifications	
Frequencies (MHz)	2400~2500	4900~5900
VSWR	2 Max.	2 Max.
Efficiency (%)	56 Typ.	89 Typ.
Average Gain (dB)	-2.5 Typ.	-0.5 Typ.
Peak Gain (dBi)	0.9 Typ.	3.8 Typ.
Impedance ( $\Omega$ )	50 Typ.	
Polarization	Linear Polarization	

Mechanical Specifications	
Dimensions (mm)	25 (L) x 7 (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 %

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All specifications subject to change without notice.

## Mechanical Dimensions (unit : mm)



\*This specification is subject to change without prior notice