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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Inventek Systems

Embedding Connectivity Everywhere

## Inventek Systems

### OEM 2.4 Ghz SMA Wi-Fi Antennas



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## 1 GENERAL DESCRIPTION

The [Inventek](#) 2400-2500 Mhz Wi-Fi antennas let you integrate Wi-Fi functionality into your product quickly and easily. It's suitable for a wide range of applications and recommended for use with Inventek EZ-Wi-Fi family.

## 2 PART NUMBER DETAIL DESCRIPTION

### Ordering Information

Device	Description	Ordering Number
W24-SSMA-M 	2400-2500 Mhz Wi-Fi antenna Form SMA ( Male) (50 mm in length)	W24-SSMA-M
W24-RSMA 	2400-2500 Mhz Wi-Fi antenna Form Right Angle SMA (Male) (46.46mm in length)	W24-RSMA-M
W24-ASMA-M 	2400-2500 Mhz Wi-Fi antenna Form Adjustable SMA (Male) (66 mm in length)	W24-ASMA-M

## 3 GENERAL FEATURES

Frequency (MHz ) : 2400-2500  
VSWR  $\leq$ 1.5  
Gain (dBi) : 2.15  
Return Loss (dBi) : 17  
power (W) : 50  
Input Impedance ( $\Omega$ ) : 50  
Antenna Length mm : 50

### 3.1 Environmental Specifications

Item	Description
Operating temperature rang	-40 deg. C to +80 deg. C
Storage temperature range	-55 deg. C to +100 deg. C
Humidity	95% max non-condensing

## 4 Product Compliance Considerations

**RoHS:** Restriction of Hazardous Substances (RoHS) directive has come into force since 1st July 2006 all electronic products sold in the EU must be free of hazardous materials, such as lead.

## 5 REVISION CONTROL

Document : W24-S/R/A SMA-M	GPS module
Internal Release	DOC-DS-200031-1.2

Date	Author	Revision	Comment
11/6/2011	FMT	1.0	Preliminary
10/3/2012	FMT	1.1	Logo Change
12/9/2013	FMT	1.2	Added Length

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