



# Inventek Systems

Embedding Connectivity Everywhere

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### 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

## 6 CONTACT INFORMATION

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