



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 (Ω) : 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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