TO: 四零四科技股份有限公司

# SPECIFICATION FOR APPROVAL

DESCRIPTION : **2.4GHz & 5.8GHz Swivel Antenna SMA M/S/R**

CUSTOMER DWG. NO. /PART NO :

KINSUN PROD. NO : **6602D03081**

DATE : **2017/11/30**

PLEASE RETURN TO US ONE COPY OF " SPECIFICATION FOR APPROVAL " WITH YOUR APPROVED SIGNATURES

| APPROVED SIGNATURES | | | |
|---|---|---|---|
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# ANT-WDB-ARM-02 Series

*2.4/5 GHz, dual-band omni-directional indoor rubber duck antenna*

### Features and Benefits

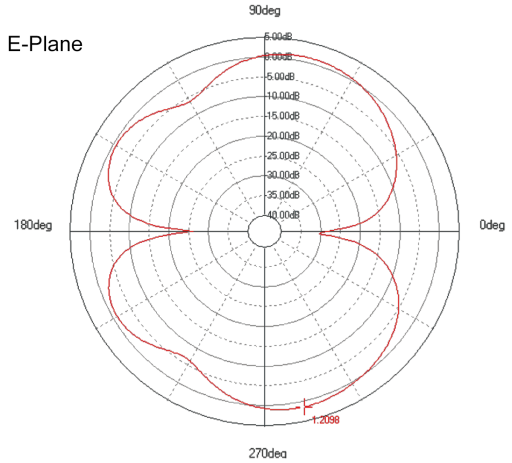
- Small size for easy installation
- Lightweight for portable deployment
- Tilt and swivel design
- Flexible installation
- RP-SMA-type (male) connector

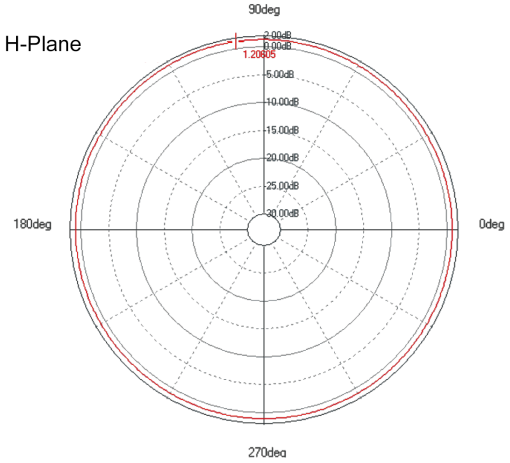
## Introduction

The ANT-WDB-ARM-02 is an omni-directional lightweight compact dual-band indoor antenna. The antenna provides a gain of 2/2 dBi and is designed to operate in temperatures from -40 to 80°C.

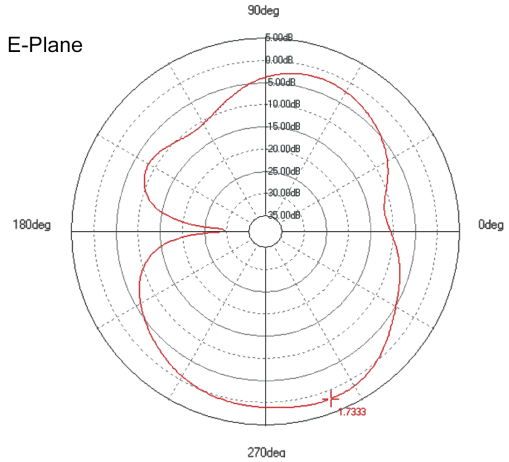
## Field Patterns

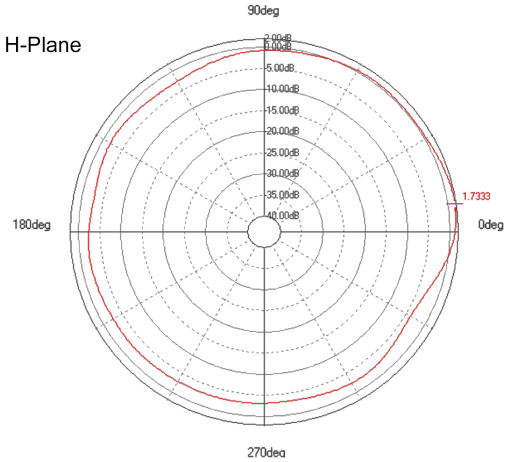
**Frequency: 2.4 GHz**



**Frequency: 5 GHz**



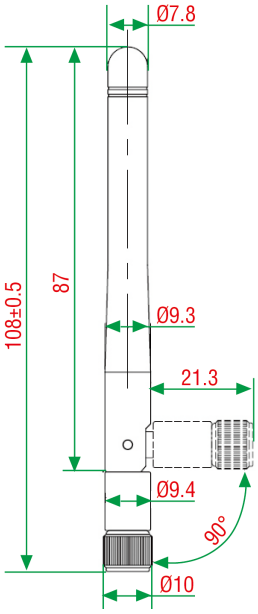




## Specifications

| Antenna Characteristics | |
|---|---|
| Frequency | 2.4 to 2.5, 5.2 to 5.8 GHz |
| Antenna Type | Omni-directional |
| Typical Antenna Gain | 2/2 dBi |
| Connector | RP-SMA (male) |
| Impedance | 50 ohms |
| Polarization | Vertical |
| HPBW/Horizontal | 360° |
| HPBW/Vertical | 80° |
| V.S.W.R. | 2:1 max. |
| **Physical Characteristics** | |
| Weight | 10 g (0.02 lb) |
| Length | 108 mm (4.25 in) |
| Radome Color | Black |
| Radome Material | Plastic |
| Installation | Straight mount |
| **Environmental Limits** | |
| Operating Temperature | -40 to 80°C (-40 to 176°F) |
| Storage Temperature (package included) | -40 to 80°C (-40 to 176°F) |
| Ambient Relative Humidity | 5 to 95% (30°C, non-condensing) |
| **Warranty** | |
| Warranty Period | 1 year |
| Details | See www.moxa.com/warranty |

## Dimensions

Unit: mm




## Ordering Information

| Model Name | Frequency | Antenna Type | Antenna Gain | Connector |
|---|---|---|---|---|
| ANT-WDB-ARM-02 | 2.4 to 2.5, 5.2 to 5.8 GHz | Omni-directional | 2/2 dBi | RP-SMA (male) |

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