

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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# 慶陞工業股份有限公司

## KINSUN INDUSTRIES INC.

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Issued by QMD

Release Date

01/16/2018

# ANT-WDB-ARM-02 Series

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



## Features and Benefits

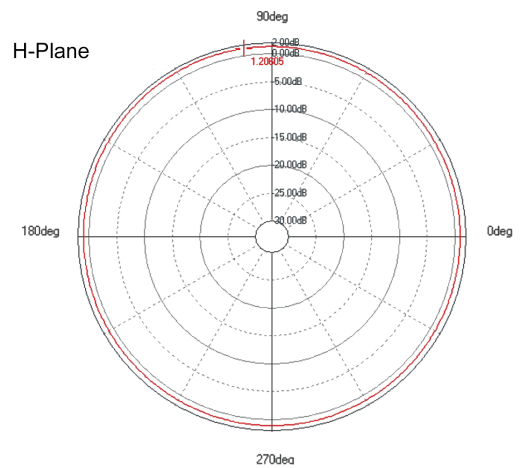
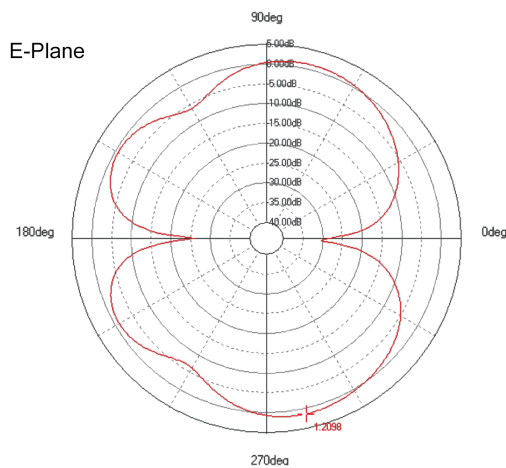
- Small size for easy installation
- Lightweight for portable deployment
- Tilt and swivel design
- Flexible installation
- RP-SMA-type (male) connector

## Introduction

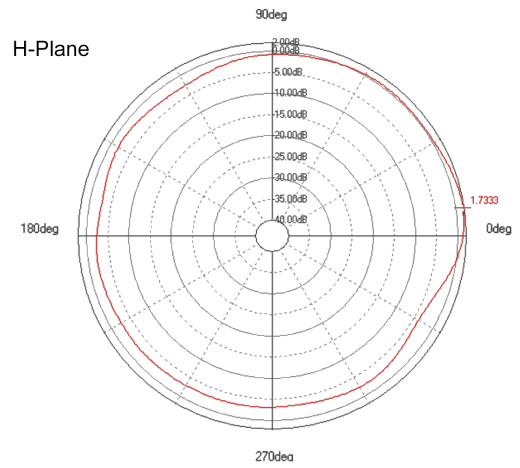
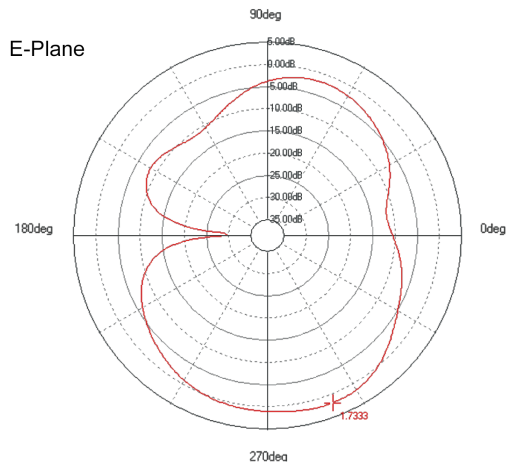
The ANT-WDB-ARM-02 is an omni-directional lightweight compact dual-band indoor antenna. The antenna provides a gain of 2/2 dBi and is designed to operate in temperatures from -40 to 80°C.

## 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

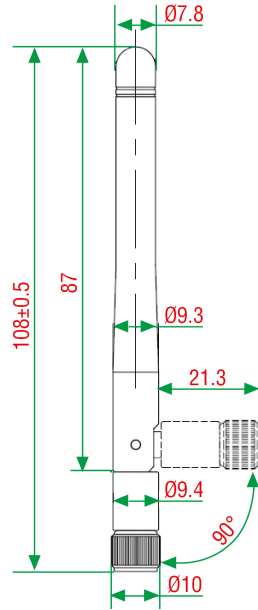
Operating Temperature	-40 to 80°C (-40 to 176°F)
Storage Temperature (package included)	-40 to 80°C (-40 to 176°F)
Ambient Relative Humidity	5 to 95% (30°C, non-condensing)

### Warranty

Warranty Period	1 year
Details	See <a href="http://www.moxa.com/warranty">www.moxa.com/warranty</a>

## 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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