# **ANT-WDB-ARM-02 Series**

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



#### **Features and Benefits**

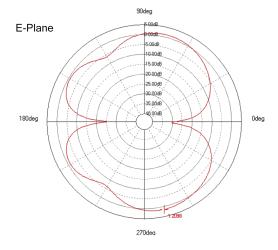
- · Small size for easy installation
- · Lightweight for portable deployment
- · Tilt and swivel design
- · Flexible installation
- RP-SMA-type (male) connector

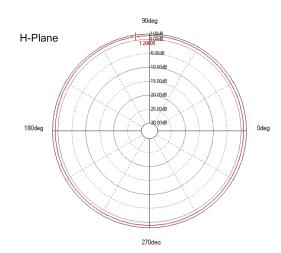
### Introduction

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**

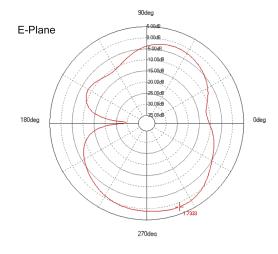
### Frequency: 2.4 GHz

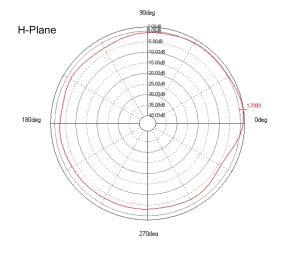






### Frequency: 5 GHz





# **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)

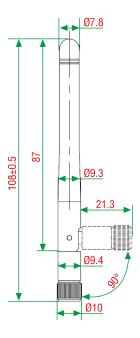
### Warranty

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)

© Moxa Inc. All rights reserved. Updated Jan 09, 2019.

This document and any portion thereof may not be reproduced or used in any manner whatsoever without the express written permission of Moxa Inc. Product specifications subject to change without notice. Visit our website for the most up-to-date product information.