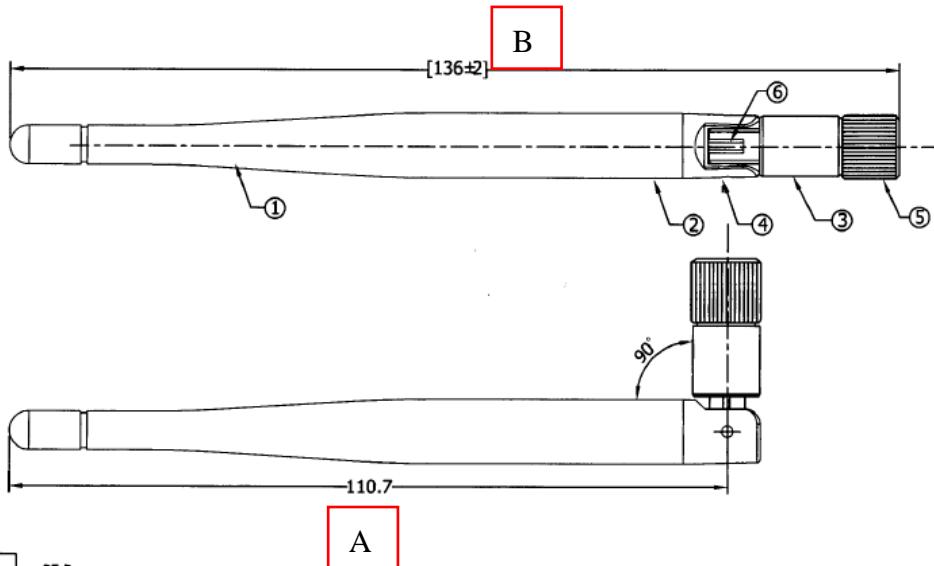
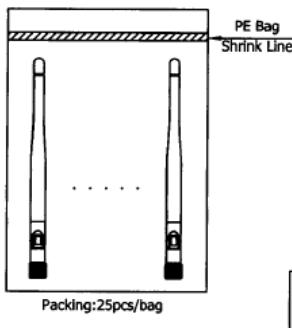


Marking Code 說明：(料件上之 Marking 須有適當的說明；若 IC 有版本區分，需標示其位置)
 Marking Code Description : (The detail description of the marking of parts is necessary. If the ICs have different version please specify it in marking)

尺寸(含公差) Dimension(With Tolerance)
 (請貼上承認量測尺寸圖，含公差；機殼類除外) Apart from chassis class, please attach the recognized dimensions / measurement diagram (tolerance is included)



尺寸檢
驗紀錄
Dimension
Checklist



XX.	45.0	APPROVED	CUSTOMER:	Moxa
X.	43.0	2017.02.17	PART NO :	1710010100215
X.	41.0	CHECKED	PART NAME:	RF Antenna Assembly
XX	40.5		W.Y P/NO :	C1918-510002-A
XXX	40.1	DRAWING	REV	UNIT
		熊伊		FILE : SRF2017136



Mechanism size Check/Compare, Unit : mm

項次 Item	圖面位置 Drawing Location	檢驗項目 Inspection Item	實測 1 Inspection Results1	實測 2 Inspection Results2	實測 3 Inspection Results3	實測 4 Inspection Results4
1	A	110.7mm	110.68			
2	B	136±2mm	136.32			
3						
4						
5						

檢驗及其它注意事項 Inspection and others shall be noted

其它
Others

ANT-WDB-ARM-0202 Series

Dual-band omni-directional, 2/2 dBi, RP-SMA (male) antennas



Features and Benefits

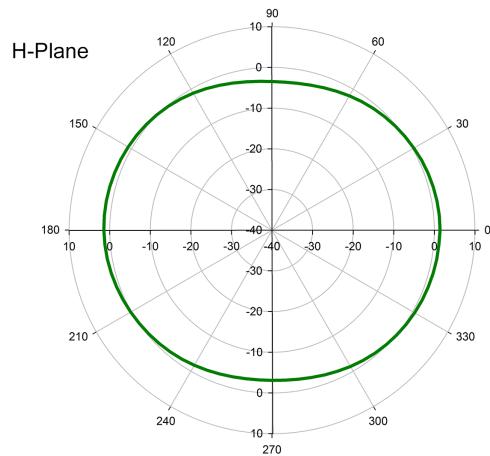
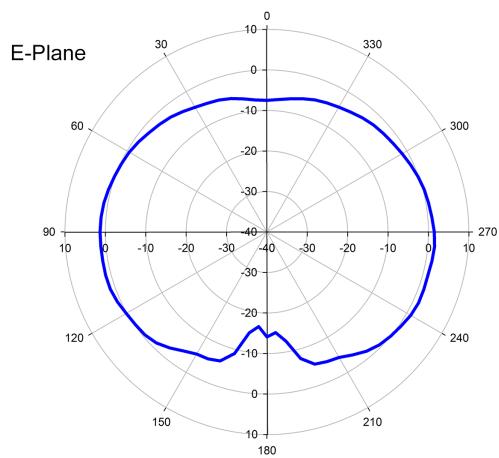
- Small size for easy installation
- Lightweight for portable deployment
- Tilt and swivel design
- Flexible installation
- RP-SMA-type (male) connector

Introduction

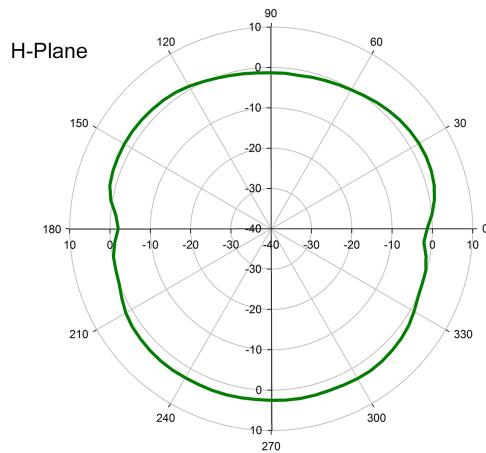
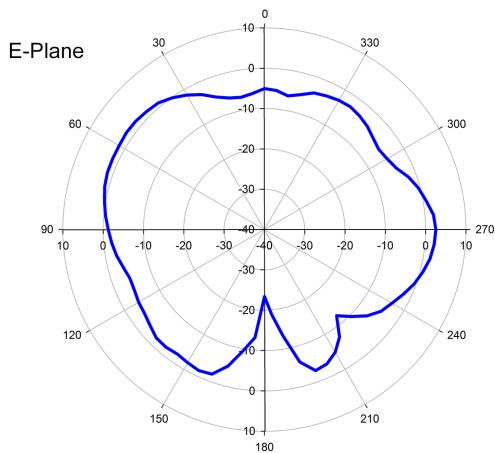
The ANT-WDB-ARM-0202 is an omni-directional lightweight compact dual-band indoor antenna with RP-SMA (male) connectors. The antenna provides a gain of 2/2 dBi and is designed to operate in temperatures from -40 to 75°C.

Field Patterns

Frequency: 2.4 GHz



Frequency: 5 GHz



Specifications

Antenna Characteristics

Frequency	2.4 to 2.5, 4.9 to 5.825 GHz
Antenna Type	Omni-directional
Typical Antenna Gain	2/2 dBi
Connector	RP-SMA (male)
Impedance	50 ohms
Polarization	Linear
HPBW/Horizontal	360°
V.S.W.R.	2:1 max.
Power Handling	1 W (max.)

Physical Characteristics

Weight	9.65 g (0.02 lb)
Length	136 mm (5.35 in)
Radome Color	Black
Radome Material	Plastic
Installation	Straight mount

Environmental Limits

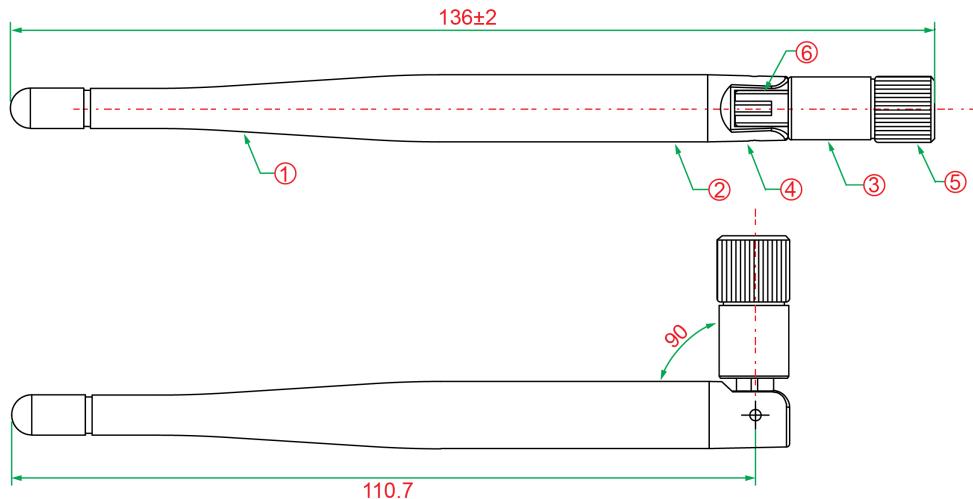
Operating Temperature	-40 to 75°C (-40 to 167°F)
Storage Temperature (package included)	-40 to 75°C (-40 to 167°F)
Ambient Relative Humidity	5 to 95% (30°C, non-condensing)

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-0202	2.4 to 2.5, 4.9 to 5.825 GHz	Omni-directional	2/2 dBi	RP-SMA (male)

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譁裕實業股份有限公司
WHA YU INDUSTRIAL CO., LTD

**RoHS 排外條款說明
RoHS Exclusive item Hazardous Substance**

本公司保證，本產品均屬環保產品，皆符合 RoHS 法規要求，並適用於 RoHS 規定之排除條款。

We hereby confirm and assure that all parts and sub-materials delivered to your company comply with RoHS Standard and apply to RoHS Exclusive item.

RoHS 合金類排除條款要求如下：

RoHS Exclusive item :

合金種類 alloys item	鉛允許含量(ppm) Lead acceptance concentration
鋼材 steel	<3,500ppm
鋁合金 aluminum alloys	<4,000ppm
銅合金 copper alloys	<40,000ppm
焊錫 solder	<1,000ppm

立承諾書人

公司名稱：譁裕實業股份有限公司
company name: WHA YU INDUSTRIAL CO., LTD

公司地址：新竹市公道五路二段 326 號
company address: No.326. Sec 2. Kung Tao 5 Road. Hsin Chu City, Taiwan

聯絡電話：03-5714225
TEL: +886-3-5714225

負責人：林祺生 董事長
sign by

立約日期：西元 2006 年 9 月 05 日
Date: 2006. 09. 05

