# **Dual Band Wifi/Bluetooth Antenna**

## APAMBJ-135

RoHS/RoHS II compliant Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-I)



#### **MSL level: Not Applicable**

#### **FEATURES:**

- Dual tuning both 2.4GHz and 5.0GHz
- VSWR 1.5:1
- Compact size only 55mm in length
- Linear Polarization
- SMA connector
- RoHS/RoHS II compliant

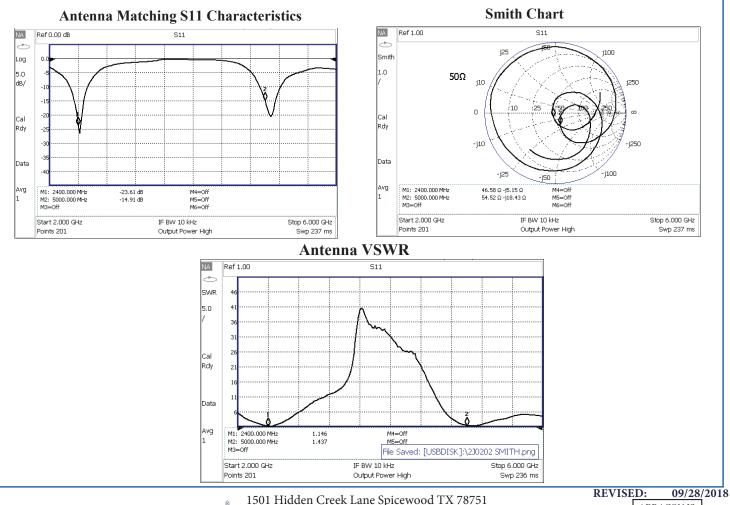
### **STANDARD SPECIFICATIONS:**

### **TYPICAL APPLICATIONS:**

- Bluetooth
- WiFi 2.4GHz and 5GHz
- Routers

Parameters	Min.	Тур.	Max.	Units	Note
Frequency Range		2.4		GHz	Bluetooth
		5.0		GHz	Wi-Fi
VSWR			1.5:1		
Polarization Model		Linear			
Impedance		50		Ω	
Gain		0		dBi	Bluetooth
		2		dBi	Wi-Fi
Power Capability		20		W	
Operating Temperature	-40		+85	°C	

#### **S11 CHARACTERISTICS**



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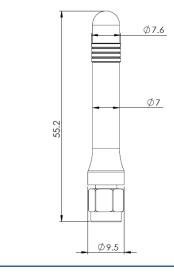
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## **OUTLINE DRAWING:**



Parameters	Description
RF Connector	SMA-J3
Weight	7.2 g
Enclosure	TPE
Color	Black

## **PACKAGING:**

Package Type	Quantity	Dimensions	Weight
Plastic bag	1 pcs/ Plastic bag	100 x 150 mm	7.2 g
Outer Box	1000 pcs/box	470 x 310 x 210 mm	10 kg

#### **CAUTION:**

- (1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to them.
- (2) Do not expose the component to open flame.
- (3) This specification applies to the functionality of the component as a single unit. Please evaluate your specifications before mounting this product.

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