

APPROVED: \_\_\_\_\_  
DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	
A		ADDED SPEC.	8/11/22	LH/TW

#### SPECIFICATIONS:

##### Material:

Noumenon	ABS	Black
Upper Firmware	ABS	Black
Lower Firmware	ABS	Black

##### Electrical:

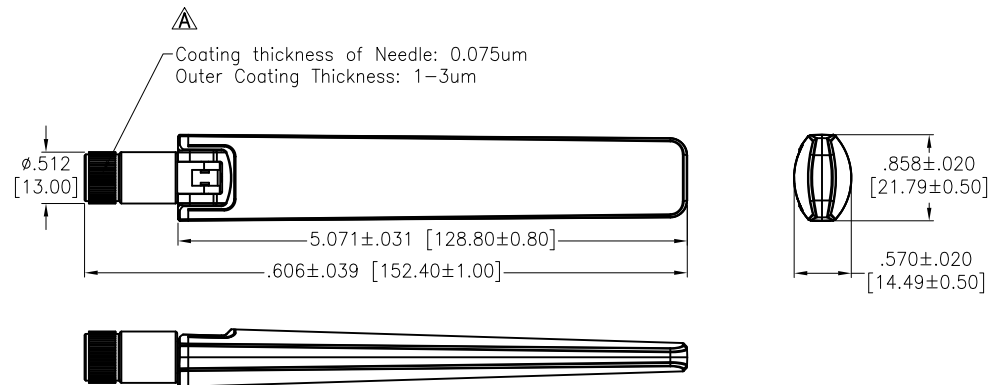
Standards	2.4G WiFi	5.8G WiFi+WiFi6E
Frequency range(MHz)	2400~2500MHz	5100~7125MHz
Peak Gain	4.5~5.5dBi	3.0~6.5dBi
Average Gain(dB)	-1.8~-1.4dB	-3.0~-0.8dB
VSWR	<1.5	<2.5
Return Loss	<-15.0	<-7.0
Efficiency (%)	66~73	50~83
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	5	

##### Mechanical:

Mounting Type	Connector Mount
Connector Type	SMA-Male
Antenna size(mm)	152.4x21.79x14.49
Material	ABS
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

##### Environmental:

Lead free, RoHS compliant.



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES		HOLES	
.X	±.10	ØX	±.10
.XX	±.020	ØXX	±.015
.XXX	±.015	ØXXX	±.010

DRAWN	WX	12/15/21
CHECKED	RC	12/15/21
APPROVED		

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**ADAM**  
**TECH**

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TITLE  
**2.4G 5.8G OMNI-DIRECTIONAL EXTERNAL ANTENNA  
TILT WITH SMA MALE**

SIZE <b>X</b>	PART NO. <b>ANT-20289EB56</b>	REV. <b>-</b>
REF: S00207C	SCALE: NTS	SHEET 1 OF 1

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