

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:**

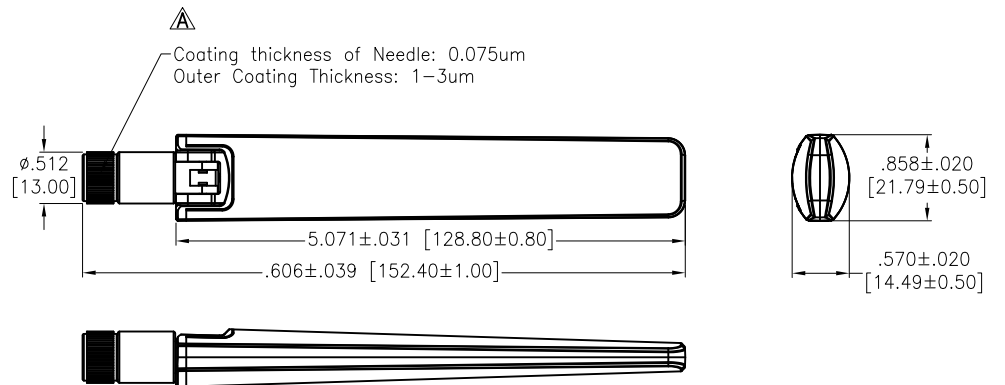
Standards	2.4G WiFi	5.8G WiFi+WiFi6E
Frequency range(MHz)	2400~2500MHz	5100~7125MHz
Peak Gain	4.5~5.5dBi	3.0~6.5dBi
Average Gain(dB)	-1.8~-1.4dB	-3.0~-0.8dB
VSWR	<1.5	<2.5
Return Loss	<-15.0	<-7.0
Efficiency (%)	66~73	50~83
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	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	∅x	±.10
.xx	±.020	∅xx	±.015
.xxx	±.015	∅xxx	±.010

**ADAM  
TECH**

909 Rahway Avenue,  
 Union, NJ 07083  
 Phone: 908-687-5000  
 Fax: 908-687-5710

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

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

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