

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/16/21	
A		ADDED SPEC.	8/11/22	LH/TW

SPECIFICATIONS:

Material:

Lower Firmware	ABS	Color: Black
Upper Firmware	ABS	Color: Black
Noumenon	ABS	Color: Black

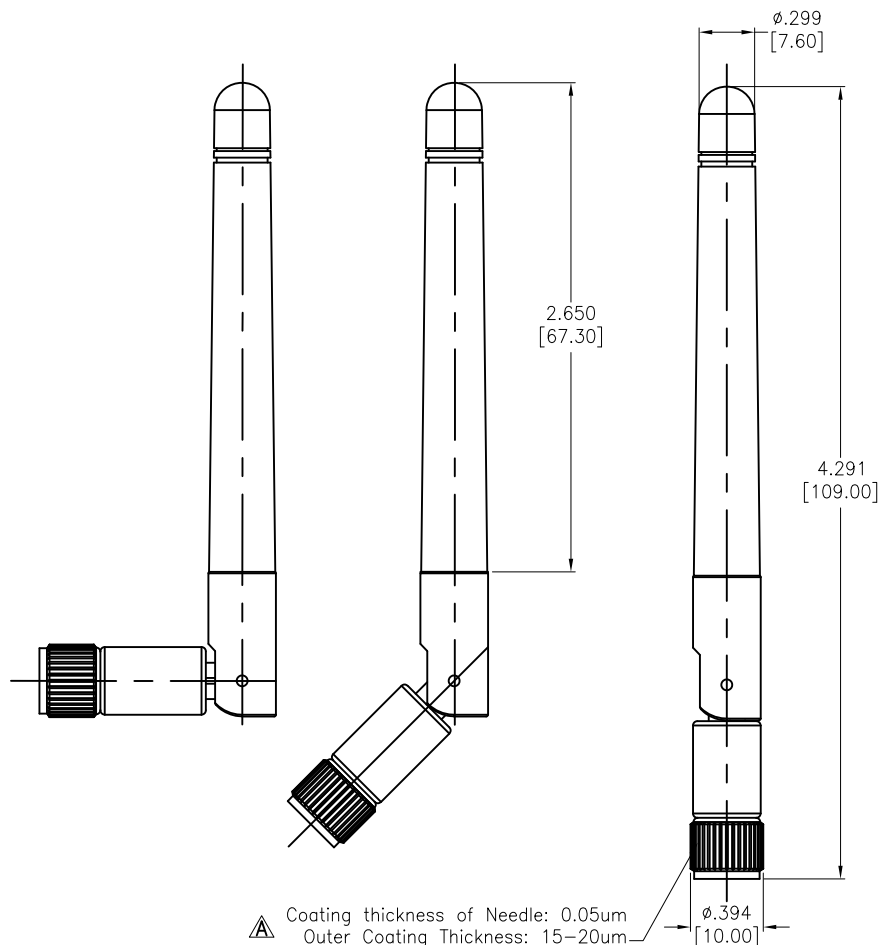
Electrical:

Standards	ISM/LoRa 868MHz
Frequency range(MHz)	868MHz
Peak Gain	1.51dBi
Average Gain(dB)	-2.92dB
VSWR	1.17
Return Loss	-22.05
Efficiency (%)	51%
Polarization mode	Linear
Radiation pattern	Omni-Directional
Output impedance	50
Max.Input Power(W)	25

Mechanical:

Mounting Type	Connector Mount
Connector Type	SMA-M
Antenna size(mm)	190mm* ϕ 10mm
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 $\pm$.10	ϕ .X $\pm$.10
.XX $\pm$.020	ϕ .XX $\pm$.015
.XXX $\pm$.015	ϕ .XXX $\pm$.010

DRAWN	LH	12/16/21
CHECKED	RC	12/16/21
APPROVED		

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TECH

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TITLE
868MHz EXTERNAL ANTENNA, TILT, WITH SMA MALE

SIZE X	PART NO. ANT-19036EB56	REV. -
REF: S00207C	SCALE: NTS	SHEET 1 OF 1