

APPROVED: _____
 DATE: _____ TITLE: _____

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

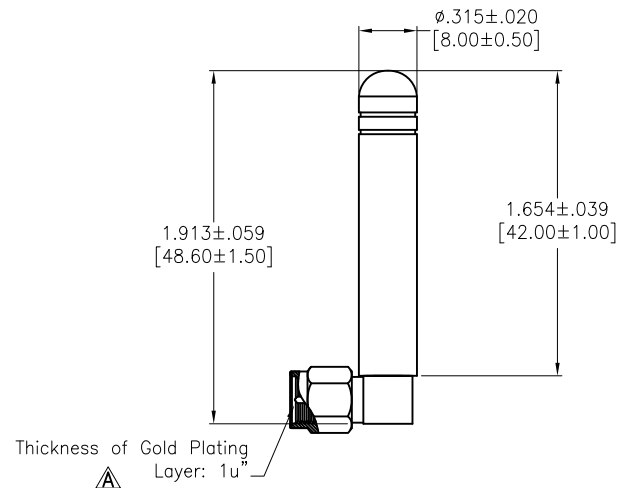
SPECIFICATIONS:

Material:

SMA	SMA-M	Gold
Noumenon	ABS	Black

Electrical:

Standards	4G&3G&2G&NB-IoT	
Frequency range(MHz)	698~960MHz	1710~2170MHz
Peak Gain	-4.0~3.0dBi	-0.5~3.5dBi
Average Gain(dB)	-9.5~-3.5dB	-7.7~-4.0dB
VSWR	<5.0	<10.0
Return Loss	<-3.5	<-1.5
Efficiency (%)	11.0~45.0%	17.0~40.0%
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	25	



Mechanical:

Mounting Type	Connector Mount
Connector Type	SMA-Male Standard (Raight-Angle)
Antenna size(mm)	48.6XØ8mm
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

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

TITLE
 2G 3G 4G EXTERNAL ANTENNA, RIGHT ANGLE WITH SMA MALE

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

SIZE	PART NO.	REV.
X	ANT-20284EB56	A

REF: S00207C SCALE: NTS SHEET 1 OF 1