

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	
A		UPDATE SPEC.	3/14/22	WX/LL1

SPECIFICATIONS:

Material:

Stickers	PC	Black
Main body	165mm	Black
Base	ø46.5mm	Black
RG174Cable	RG174Cable,2150mm	Black
SMA	SMA-M	Gold

Electrical:

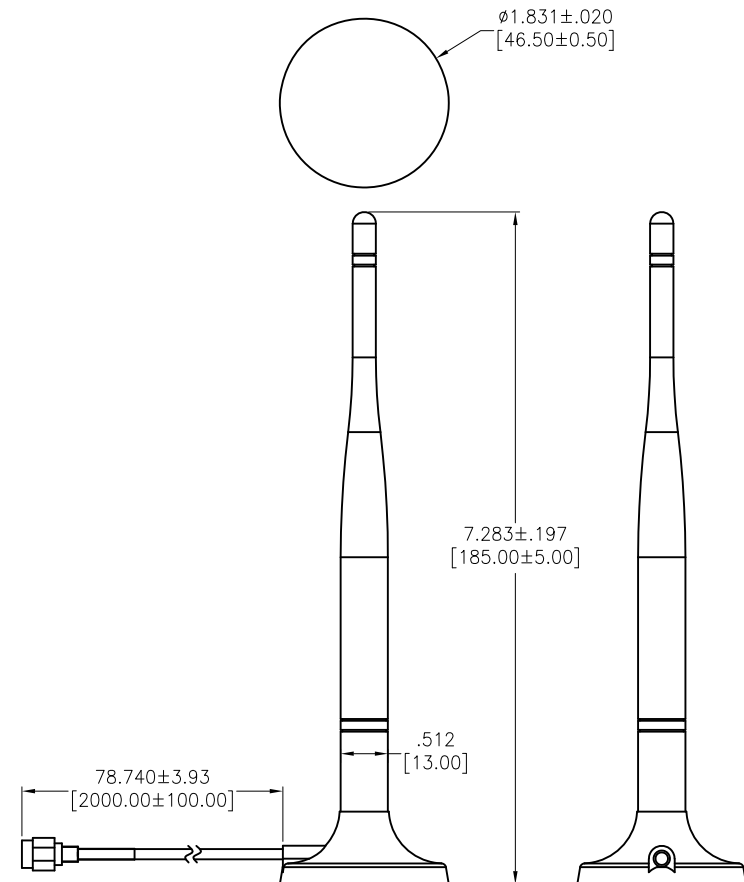
Standards	4G/3G/2G/NB-IoT/CAT M1	
Frequency range(MHz)	824~960MHz	1710~2690MHz
Peak Gain	-0.5~1.5dBi	-0.5~0.5dBi
Average Gain(dB)	-3.9~-2.9dB	-7.5~-5.2dB
VSWR	<2.5	<3.0
Return Loss	<-7.0	<-6.0
Efficiency (%)	40~51%	18~30%
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	5	

Mechanical:

Mounting Type	Magnetic
Connector Type	SMA Male+2M Cable
Antenna size(mm)	ø46.5mm*185mm
Material	ABS+PC
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	Ø.X ±.10
.XX ±.020	Ø.XX ±.015
.XXX ±.015	Ø.XXX ±.010

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

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TITLE 4G&3G&2G EXTERNAL SUCKER MAGNETS ANTENNA		
SIZE X	PART NO. ANT-19031EB78	REV. A
REF: S00207C	SCALE: NTS	SHEET 1 OF 1