Rev	AWO #	Description	Date	Appr
-		RELEASED	12/15/21	

APPROVED: _____

DATE: _____ TITLE: _____

SPECIFICATIONS:

Material:

Component name	Material	Color
Cable	U.FL Standard	Black
FPC	FPC	Black

Electrical:

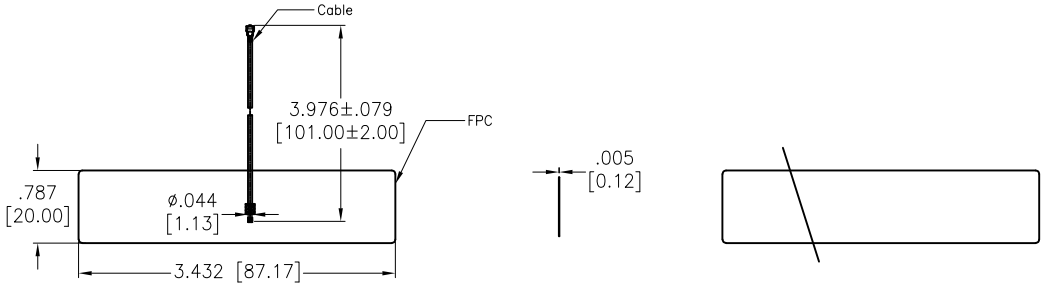
Standards	4G/3G/2GNB-Lot/CAT M1	
Frequency range(MHz)	824~960MHz	1710~2690MHz
Peak Gain	-2.0~1.0dBi	-1.0~5.0dBi
Average Gain(dB)	-6.0~1.8dB	-6.0~-1.2dB
VSWR	<5.0	<3.0
Return Loss	<-3.5	<-8.0
Efficiency (%)	20~65%	25~75%
Polarization mode	Linear	
Radiation pattern	Omni-Directional	
Output impedance	50	
Max.Input Power(W)	5	

Mechanical:

Mounting Type	Adhesive
Antenna Type	3M9471
Connector Type	U.FL Standard
Antenna size(mm)	87.17mm(L)X20.0mm(W)X0.12mm(H)
Material	FPC
Cable length(mm)	101mm
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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ADAM TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE

4G & 3G & 2G & LPWA FPC ADHESIVE ANTENNA

SIZE	PART NO.	REV.
X	ANT-190071B77	-

REF: S00207C | SCALE: NTS | SHEET 1 OF 1