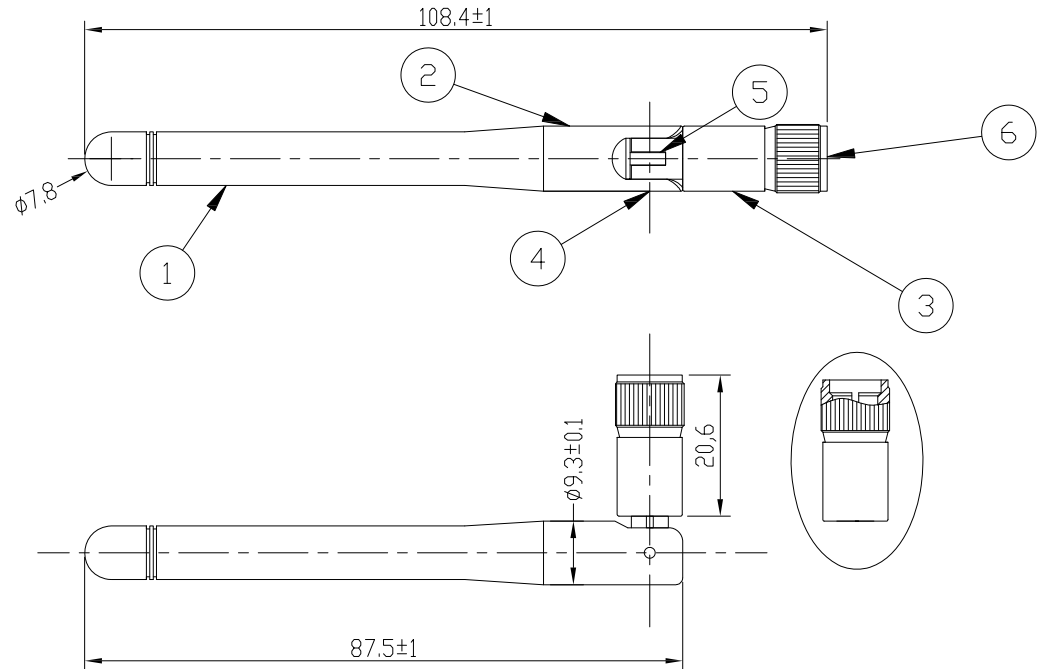


APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_  
 CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE / NON-RETURNABLE

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/15/18	
A		UPDATE DIM.	7/25/19	AY/LW



6	CONNECTOR	SMA ST. PLUG REVERSE
5	CABLE	RG178 50Ω
4	RIVET	PDM;BLACK
3	BOTTOM BASE	PBT;BLACK
2	UPPER BASE	PC;BLACK
1	ANTENNA CAP	TPE;BLACK
ITEM	PART NAME	MATERIAL

### SPECIFICATION

**ELECTICAL PROPERTIES**  
 FREQUENCY RANGE: 2.4~2.5/4.9~5.8 GHz  
 IMPEDANCE: 50Ω  
 VSWR: 1.92:1MAX  
 RETURN LOSS: -10dB MAX  
 RADIATION: OMNI-DIRECTIONAL  
 GAIN: 2.0dBi  
 POLARIZATION: LINEAR VERTICAL  
 ADMITTED POWER: 1W

**PHYSICAL PROPERTIES**  
 ANTENNA COVER: TPE  
 ANTENNA BASE: PC  
 ANTENNA: PBT  
 COLOR: BLACK  
 CONNECTOR: SMA ST. PR  
 OPERATING TEMPERATURE: -40°C~+80°C  
 STORAGE TEMPERATURE: -45°C~+85°C

**ENVIRONMENTAL:**  
 LEAD FREE, ROHS COMPLIANT



UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE MILLIMETERS  
 TOLERANCES: EXCEPT AS NOTED

	MM
X	± 0.50
X.X	± 0.20
X.XX	± 0.10

**ADAM TECH**  
 INTERCONNECTS

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

APPROVALS		DATE
DRAWN	AY	11/15/18
CHECKED	AC	11/15/18
APPROVED		

TITLE		
WLAN EXTERNAL ANTENNA		
SIZE	PART NO.	REV.
X	ANT-DK-DB1DI-2AB(C)-	A
REF: S00291T	SCALE: NTS	SHEET 1 OF 1