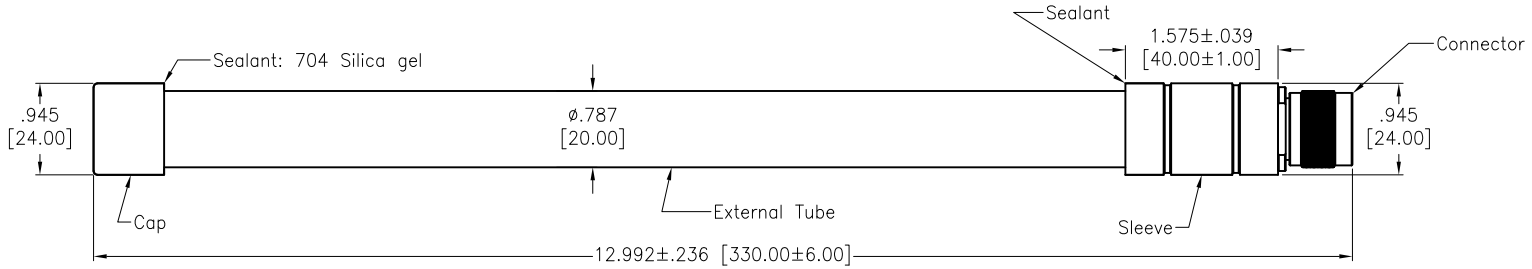
Rev	AWO #	Description	Date	Appr
-		RELEASED	1/6/23	

APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE
NON–CANCELLABLE/NON–RETURNABLE



SPECIFICATIONS:

Material:

Cap	ABS, Color: Gray
Sealant	704 Silica gel
External tube	Fiber reinforced plastics
Sleeve	Aluminum Sanding oxidation
Connector	N–Male, STR, Pure copper, Nickel plated

Electrical:

Standards	WiFi2.4G/BT	WiFi5G
Frequency range (MHz)	2400~2500	5150~5850
Peak Gain (dBi)	4.0~5.8	3.5~7.0
Average Gain (dBi)	−1.4~−1.1	−2.1~−0.3
VSWR	<2.0	<4.5
Return Loss	<−12.0	<−4.0
Efficiency (%)	72~77%	62~94%
Horizontal Beamiwiath	360°	
Vertical Beamiwiath	55±3°	
Impedance (Ω)	50	
Polarization	Vertical polarization	
Max. Power(w)	50	
Connector	N–J	
Lightning Protection	DC grounding	

Mechanical:

Dimension(mm)	ø20*330mm
Weight (g)	118.57g
Rated wind velocity	36.9m/s
Operational Humidity	<95
Operating temperaturec	−40~55
Radome material	FRP

Environmental:
Lead free, RoHS compliant

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	1/6/23
CHECKED	RC	1/6/23
APPROVED		

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TITLE: WIFI 2.4G&5G&BT FIBERGLASS ANTENNA

SIZE	PART NO.	REV.
X	ANT-20269EA63	-

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