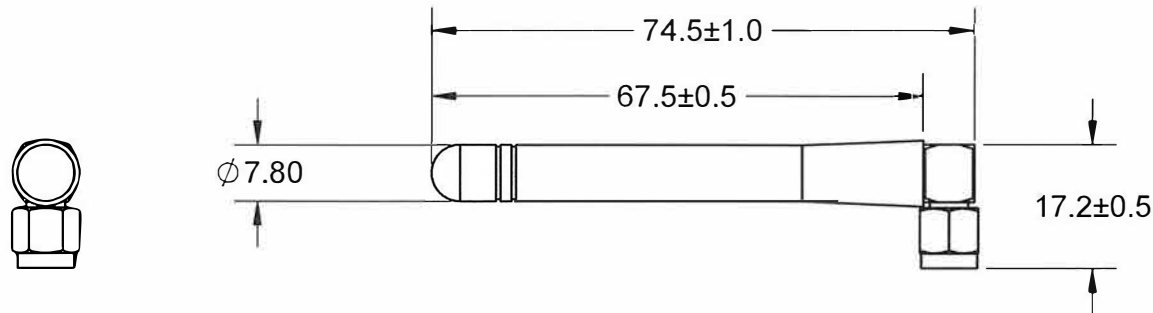


ITEM:	MATERIAL:	FINISH:	NOTES:	REVISIONS				
CONNECTOR BODY	BRASS	NICKEL	1. PER QQ-B-626 2. PER QQ-S-764 3. PER QQ-C-530 4. PER QQ-B-750 5. PER MIL-P-19468 6. PER ZZ-R-765 7. PER WW-T-799 8. GOLD PLATED 5µin MIN. OVER NICKEL PLATE 50µin MIN. OVER COPPER STRIKE. 9. NICKEL PLATE 100µin MIN. OVER COPPER STRIKE. 10. PER ASTM-A967 11. GOLD PLATE 30µin MIN. OVER NICKEL PLATE 50µin MIN. OVER COPPER STRIKE. 12. TIN ZINC PLATE 100µin MIN. OVER COPPER STRIKE.	REV	ECR	DESCRIPTION	DRAWN	DATE
CENTER CONTACT	BERYLLIUM COPPER	GOLD		1		ENGINEERING RELEASE	P. BURDGE	09-08-2021
INSULATION	TEFLON							
CABLE	RG-178							
COVER	TPEE, BLACK							

IRM PN: HE13



NOTES:

- FREQUENCY RANGE: 2.4 - 2.5 GHz.
- PEAK GAIN: 2 dBi
- VSWR: 2.0 MAX
- IMPEDANCE: 50 Ohm
- RADIATION: OMNI
- POLARIZATION: VERTICLE
- CONNECTOR: SMA, RP PLUG
- TEMP RANGE: -40 TO 80° C

DO NOT SCALE DRAWING		 Lighthouse Technologies San Diego, CA WWW.RFCONNECTOR.COM	
TOLERANCES UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN MILLIMETERS X = ±0.5 X.X = ±0.25 X.XX = ±0.13 ANGLE = ±30'		 THIRD ANGLE PROJECTION	
TITLE: ANTENNA, SMA, R/A RP PLUG, FREQUENCY 2.4 - 2.5 GHz			
CUSTOMER APPROVAL		SIZE	PART/DWG. NO:
SIGN / DATE:		A	ANT-DSS-SALRM-1001
ENG APPR. CHECKED DRAWN			
P. BURDGE NAME		09-08-2021	REV 1
DATE		SCALE: 1:1	SHEET 1 OF 1



Lighthorse Technologies PRT#: ANT-DSS-SALRM-1001

Frequency	return loss sample1	return loss sample2	return loss sample3
GHz	dbm	dbm	dbm
2.4	-28	-16	-16
2.41	-34	-18	-19
2.42	-28	-20	-20
2.43	-25	-22	-21
2.44	-24	-21	-21
2.45	-21	-24	-22
2.46	-18	-23	-20
2.47	-18	-21	-19
2.48	-17	-20	-19
2.485	-16	-19	-18

Excellent Return Loss Performance
Is Flawless