

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 8/11/2021	



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS [IN].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. MARK PACKAGING [BAG/BOX] WITH THE FOLLOWING INFORMATION:
 1. LOT#
 2. LINX PART NUMBER
 3. QUANTITY IN BAG/BOX
 4. COUNTRY OF ORIGIN
5. FREQUENCY: SEE TABLE
6. IMPEDANCE: 50Ω
7. VSWR: SEE TABLE
8. GAIN: SEE TABLE
9. OMNI-DIRECTIONAL
10. OPERATING TEMP: -40°C - +70°C
11. IP67 SEALED HOUSING
12. INTERCONNECT N-TYPE IAW MIL-STD-348B
13. COVER TUBE IS INSERTED INTO CAP AND BASE USING HIGH STRENGTH EPOXY AS ADHESIVE AND SEAL.
14. ANTENNA COVER TO BE CONCENTRIC WITH BASE AFTER INSTALLATION.

ITEM	DESCRIPTION
1	CON, TYPE-N, JACK, Ni/BRASS
2	PIN, TYPE-N, GOLD/BeCu
3	INSUL, PTFE, NATURAL
4	ELEMENT, FPC, WIDEBAND
5	COVER, ASA, WHITE

FREQUENCY	619-960	1427-1559	1710-2200	2300-3800	3300-3800	4400-5000	5150-5850
VSWR	4.0:1 MAX			3.0:1 MAX			
GAIN	1.2dBi	.7dBi	2.3dBi	3.2dBi	5.2dBi		6.2dBi
EFFICIENCY	50%	48%	61%		72%	71%	73%

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TITLE:
**ANTENNA MULTI-BAND WHITE
OUTDOOR IPX7**

MATERIAL: BRASS, BeCu ASA, PTFE	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.		PROJECTION:
	.X ±2.0	ANGLES: ±1°	
FINISH: Ni, GOLD WHITE, NATURAL	.XX ±1.0	SURFACE: √	
	.XXX ±.500		
DRAWN: JHAGER	DT: 8/11/21		
ENGR: DASARATHAN	DT: 10-JUL-08		

SIZE	DWG. NO.	REV
A	C-ANT-8_9-IPW1-NP	A
SCALE: 1:1.25	DO NOT SCALE DRAWING	SHEET 1 OF 1