



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 11/3/21	

**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
- DIMENSIONS APPLY AFTER FINISHING.
- 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.
- ELECTRICAL SPECIFICATIONS SHOWN FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES. ANTENNA QUALIFIED IAW LINX INTERNAL TEST PLAN AT LATEST REVISION.
- IMPEDANCE: 50Ω
- CENTER FREQUENCY: SEE TABLE
- OPERATING TEMPERATURE: -40°C - +130°C
- VSWR: ≥ 1.9 TYP
- ANTENNA CONSTRUCTION, GEOMETRY AND UNLISTED DIMENSIONS CONTROLLED BY GERBER FILES FOR INDIVIDUAL ANTENNA PART NUMBERS AT LATEST REVISION. [SEE TABLE]
- LABEL ANTENNA WITH LINX LOGO, PART NUMBER [SEE TABLE] AND ELEMENT PIN APPROXIMATELY AS SHOWN USING WHITE CONTRASTING PERMINANT MARKING.
- GERBERS PANELIZED IN 9 X 11pc ARRAY
- TUBE PRODUCT IN 20PC QTY
- LINX PART NUMBERS [-T] PROVIDED ON TAPE AND REEL AND CONFORMS TO ASTM EIA-481-B.

LINX PN	ELEMENT CENTER FREQUENCY [FFF]	BANDWIDTH [MHz]	GERBER FILE	REV
ANT-315-SP	315 MHz	5	PCB-ANT-315-SP	L3
ANT-403-SP	403 MHz	5	PCB-ANT-403-SP	L3
ANT-418-SP	418 MHz	7	PCB-ANT-418-SP	L3
ANT-433-SP	433 MHz	8	PCB-ANT-433-SP	L4
ANT-458-SP	458 MHz	8	PCB-ANT-458-SP	L3
ANT-868-SP	868 MHz	35	PCB-ANT-868-SP	L3
ANT-916-SP	916 MHz	30	PCB-ANT-916-SP	L4

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MATERIAL: FR-4 BLACK GOLD	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.		PROJECTION: 
	.X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE: $\sqrt{3}$	
FINISH: BLACK WHITE SS	DRAWN: JHAGER	DT: 11/3/21	
	ENGR: DASARATHAN	DT: 11/3/21	



159 ORT LANE  
MERLIN, OR 97532

TITLE:  
**ANTENNA, RPC, SPLATCH  
TABULATED FREQUENCY**

SIZE	DWG. NO.	REV
<b>A</b>	<b>C-ANT-FFF-SP-X</b>	<b>A</b>
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 1 OF 1

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