



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/26/22	

- 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. ELECTRICAL SPECIFICATIONS ARE LISTED FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR ELECTRICAL PROPERTIES.
 1. IMPEDANCE: 50Ω
 2. FREQUENCY: 433MHz / 450MHz ISM BAND
 3. VSWR: NTE 2.0
 5. PRODUCT QUALIFIED IAW LINX TEST PLAN AT CURRENT REVISION.
 6. MECHANICAL:
 1. OPERATING TEMPERATURE: -40°C - +85°C
 2. STORAGE TEMPERATURE: -40°C - +85°C
 3. DESIGNED TO INTERFACE WITH N-TYPE MIL-STD-348B COMPATABLE CONNECTIONS.
 7. UNLISTED DIMENSIONS ARE CONTROLLED BY SOLID MODEL AT LATEST REVISION.

ITEM NUMBER	DESCRIPTION
1	CABLE COAX RG178 NAT
2	BASE ANTENNA LOWER PC BLACK
3	BASE ANTENNA UPPER PBT BLACK
4	CONNECTOR TYPE N PLUG NIC/BRs
5	SLEEVE, ELEMENT, KEYFLEX TPE, BLACK
6	ELEMENT, 433-450MHz, RPC BLACK

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MATERIAL: TPEE, PC, PBT BRASS	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. .X ±2.0 .XX ±1.00 .XXX ±.500	ANGLES: ±1° SURFACE: √	PROJECTION:
WEIGHT:			
FINISH: BLACK/TEX NICKEL	DRAWN: JHAGER ENGR: DASARATHAN	DT: 9/26/22 DT: 9/26/22	

159 ORT LANE
MERLIN, OR 97532

TITLE:
**450MHz Hinged Swivel Whip Antenna
N Plug Connector**

SIZE B	DWG. NO. C-ANT-450-HSW-NP	REV A
SCALE: 1:1.5	DO NOT SCALE DRAWING	SHEET 1 OF 1