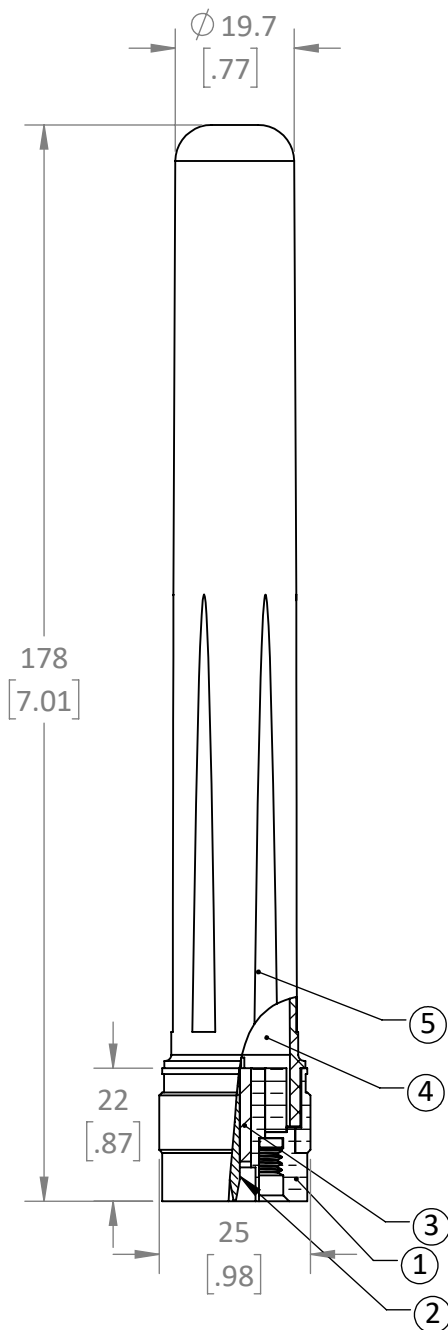


| REVISIONS | | | |
|-----------|--------------------|---------------------|------|
| REV | DESCRIPTION | DATE | APPV |
| A | PRODUCTION RELEASE | JHAGER 8/11/2021 | |



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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159 ORT LANE
MERLIN, OR 97532

TITLE:

**ANTENNA MULTI-BAND WHITE
OUTDOOR IPX7**

MATERIAL:
BRASS, BeCu
ASA, PTFE

INTERPRET DIMENSIONS AND
TOLERANCES PER ASME Y14.5.

.X ±2.0 ANGLES: ±1°
.XX ±1.00 SURFACE: 32/
.XXX ±.500

PROJECTION:



SIZE DWG. NO.

A C-ANT-V2X-IPW1-NP

REV

A

FINISH:
Ni, GOLD
WHITE, NATURAL

DRAWN: JHAGER

DT: 8/11/21

ENGR: DASARATHAN

DT: 10-JUL-08

SCALE: 1:1.25

DO NOT SCALE DRAWING

SHEET 1 OF 1