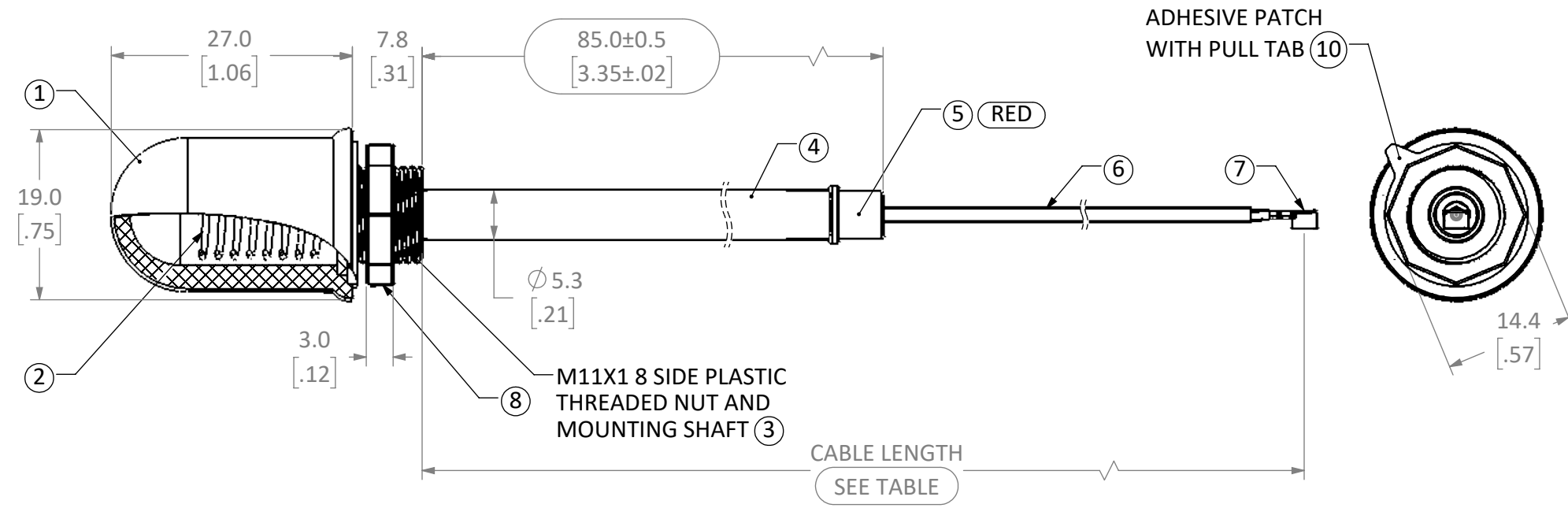


REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 10/18/20	DV 1/3/21
B	UPDATED CABLE LENGTH TOLERANCE WAS± 1mm	JHAGER 10/29/21	
C	UPDATED DRAWING TO REDUCE TABULATED VARIABLES. DRAWING WAS ANT-FFF-WRT-CCC	JHAGER 3/8/22	



- 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.
  - PACKAGE ANTENNAS INDIVIDUALLY PRIOR TO PLACING IN LOT BAG. LABEL LOT BAG, AND BOX WITH THE FOLLOWING INFORMATION ONLY:
    - LOT NUMBER
    - LINX PART NUMBER
    - QUANTITY
    - COUNTRY OF ORIGIN
  - ANTENNA QUALIFIED AND TESTED IAW LINX INTERNAL TEST PLAN DOCUMENT AT LATEST REVISION.
  - ELECTRICAL DATA SHOWN FOR REFERENCE ONLY. SEE LINX DATA SHEET FOR COMPLETE ELECTRICAL PROPERTIES:
    - CENTER FREQUENCY 433 MHz
    - 50Ω IMPEDANCE
    - VSWR <1.9 TYP @ CENTER
  - MECHANICAL:
    - USE TEMPERATURE: -40°C - +90°C
    - INSTALLATION TEMPERATURE: +10° - +40°C
    - STORAGE TEMPERATURE: +20° @ 50%RH
    - BULKHEAD PLASTIC NUT TORQUE: NTE 4.0kgf/cm [5in/lbS]
    - Ø.425" [10.8mm] RECOMMENDED INSTALL HOLE SIZE
    - MINIMUM BEND RADIUS: 6.0mm
    - MAX PANEL THICKNESS: 4.7mm [.188"]
    - INTERFACE MHF1 / U.FL INTERCONNECT

ITEM NUMBER	DESCRIPTION
9	GASKET FOAM ADH ACRYLIC/ACRYLIC
8	NUT OCT M11X1 POM BLACK
7	CONNECTOR U.FL/MHF1 GOLD/BRASS
6	CABLE COAX 1.32 GRAY
5	GUIDE CABLE 433MHZ ABS RED
4	COUNTERPOISE 433 ELEM NICKEL/BRASS
3	BASE THREADED M11X1 ABS BLACK
2	ELEMENT 433MHZ COIL SWC
1	COVER ELEMENT ABS BLACK

DESIGN TABLE	
PART NUMBER	CABLE LENGTH
ANT-433-WRT-UFL	216±2mm [8.50]
ANT-433-WRT-UFL-150	150±2mm [5.90]
ANT-433-WRT-UFL-300	300±2mm [11.81]

**WARNING:** THIS DRAWING CONTAINS PROPRIETARY INFORMATION THAT IS THE SOLE PROPERTY OF LINX TECHNOLOGIES, AND SHALL BE TREATED AS SUCH. NO DISCLOSURE OR REPRODUCTION OF THIS DOCUMENT IS PERMITTED, IN WHOLE OR IN PART, WITHOUT THE EXPRESS WRITTEN PERMISSION OF LINX TECHNOLOGIES OR ITS DESIGNATED AGENTS.

MATERIAL: INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.  
 SURFACE FINISH:  $\sqrt{32}$  ANGLES: ±1°  
 TOLERANCES: .X ±.2 .XX ±.10 .XXX ±.050

FINISH: DRAWN: JHAGER DT: 9/24/20  
 ENGR: DASARATHAN DT: 3/1/21

PROJECTION:

**Linx** 159 ORT LANE  
 MERLIN, OR 97532

TITLE: **ANTENNA PURCHASED ASSEMBLY WRT VAR END CONN AND PACK**

SIZE DWG. NO. REV  
**B** ANT-433-WRT-UFL-LLL **C**

SCALE: 1.5:1 DO NOT SCALE DRAWING SHEET 1 OF 1