



INSTALLATION DRAWING
ASSY DWG C28521

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	REF ECH 12-093	MN 10/26/12	DH 10/26/12
B	REF ECH 19-032	MN 04/29/19	DH 04/29/19
C	REF ECH 19-114	RM 4/15/20	DH 4/15/20

REV	DATE	DESCRIPTION	MATERIAL / SPECIFICATIONS
D	5/13/21	CONTRACT NO. Comant Industries, Inc.	
C		ANTENNA- WIDE BAND UHF	
		CONTRACT NO.	
		APPROVALS	
		DRAWN H. NGUYEN	
		CHECK D. HOLLOWAY	
		ENGR S. CASLOW	
		MFG R. SNYDER	

UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
FRACTIONS ± 1/16 DECIMALS ± 0.01	
ANGLES ± 1°	
REMOVE BURRS AND SHARP EDGES 0.015 MAX	
DIMENSIONS ARE PER ASSEMBLY DRAWING	
MATERIAL: -	

- NOTES: UNLESS OTHERWISE SPECIFIED
- RF CHARACTERISTICS
 - 1.1 FREQUENCY 400 TO 960 MHz
 - 1.2 VSWR 2.01 MAX
 - 1.3 RETURN LOSS ≥ 5.5 dB
 - 1.4 POLARIZATION VERTICAL
 - 1.5 RADIATION PATTERN TYPICAL OF A QUARTER WAVE STUB
 - 1.6 RF POWER 100 WATTS
 - 1.7 EFFICIENCY 90% MIN. 400-960 MHz
 - FINISH: WHITE GLOSS PAINT NON YELLOWING.
 - HOLES THRU 0.015" OF AIRCRAFT REQUIRED FOR INSTALLATION
 - WEIGHT: 0.75 LB.
 - RATED TO 600 KNOTS @ 25,000 FT.
 - TESTED TO MEET REQUIREMENTS OF RTCA DO-160C, ENV. CAT.: F2-XCCXXXXXXXXXXXXXXXXXX

SCALE: 1:1 (ISO FILE:---) SHEET: 1 OF 1