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SPECIFICATIONS

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL:

	J1: L/S/C-Band		J2: Ku-Band	
	PCS, 802.11b, 802.11g, WiFi, Bluetooth, Hotspot	802.11a, WiFi, ISM		
FREQUENCY (MHz):	L-BAND (1700-2000)	S-BAND (2200-2500)	C-BAND (4400-6000)	Ku-BAND (14500-15350)
PATTERN:	OMNIDIRECTIONAL			
	VERTICAL			
ANTENNA GAIN : 1ft GP	3 dB	4 dB	5 dB	5 dB
ANTENNA GAIN : 4ft GP	4 dB	5 dB	6 dB	5 dB
VSWR:	2.0:1			
OUTPUT IMPEDANCE:	50 Ω			
POWER HANDLING:	>50 watts			

MECHANICAL:

SIZE: WIDTH: 2.055 in. [52 mm], LENGTH: 5.25 in. [133 mm], HEIGHT: 3.062 in. [77 mm]
 WEIGHT: 5.3 oz. (150g)
 FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441
 COLOR: LUSTERLESS GRAY #36320 PER FED-STD-595B
 GLOSS WHITE #17925 PER FED-STD-595B
 OLIVE DRAB GREEN #34031 PER FED-STD-595B
 LUSTERLESS BLACK #37038 PER FED-STD-595B
 MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
 THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE
 CONNECTOR: TNC FEMALE CONNECTORS (OPTIONAL: SMA, N, BNC, TNC)

ENVIRONMENTAL:

TEMPERATURE: -67°F TO +185°F [-55°C TO +85°C]
 ALTITUDE: 70,000 ft.
 VIBRATION: 10 G's
 LEAKAGE: HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: DO-160D, MIL-C-5541, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810

4	SCREW, MOUNTING	MS24693C273	-	-	-	-	2
2	O-RING	MS28775-024	-	-	-	-	1
DESCRIPTION		PART NO	SPECIFICATION	MATERIAL	FINISH	REV	QTY
PARTS LIST							

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES ± 1/64 .005 .010 ± 1° TOLERANCE 5/16 PER ANS Y14.6 REMOVE ALL BURRS BREAK SHARP EDGES .005 TO .015 FILE TO R .005 TO R .010 SURF FINISH PER MIL-STD-883C SURF ON A CONFORM TO .0005 MACHINED SURFACES DO NOT SCALE DRAWING	ANTCOM CORP. TORRANCE, CALIFORNIA OUTLINE DRAWING L/S/C-BAND & Ku-Band VIDEO/DATA LINK ANTENNA S. HUYNH 3/11-11
3 CVE1 SCALE 1/1	3B-LSC-Ku-BANDVV-XTT-2 SHEET 1 OF 1