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REVISIONS		DATE	APPROVED

SPECIFICATIONS

ELECTRICAL:

J2: C-BAND	
FREQUENCY (MHz):	(4400-5250) (5250-5850)
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN : 1ft GP	5 dB 2 dB
ANTENNA GAIN : 4ft GP	7 dB 4 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: 1.982 in. [50 mm]
 WEIGHT: 4.9 oz. (139g)
 FINISH: SKYDROL RESISTANT POLYURETHANE ENAME L 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
 THERM OSET PLAS TIC RAD OME, UV, ABRASI ON 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-5441, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810

QUANTITY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO
4	SCREW, MOUNTING	MS24693C273	-	-	-	2
2	O-RING	MS28775-024	-	-	-	1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES ± 1/64 .002 .005 ± 1° DECIMALS ANGLES .002 .005 ± 1°		ANTCOM CORP TORRANCE, CALIFORNIA OUTLINEDRAWING C-BAND VIDEO/DATA LINK ANTENNA
TOLERANCE SYM PER ANSI Y14.5		
REMOVE ALL BURRS BREAK SHARP EDGES .005 TO .015 DRILL TO .002 TO .010 CHECK DIMENSIONS PER MIL-STD-883C SIX'S ON A COMMON 6.0/0.005		
MACHINED SURFACES		
DO NOT SCALE DRAWING	APPROVED: S. HUYNH Sep-05-09	REV: D QTY: 3CVE1 SCALE: 1/1

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]
 NOTES: UNLESS OTHERWISE SPECIFIED:

NMO Connector Option is Now Available for Some Antennas