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REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	

**7**

**6**

**5**

**4**

**3**

**1**

**SPECIFICATIONS**

**ELECTRICAL:**

FREQUENCY (MHz):	(X.XX-Y.YY) See Frequency Chart below
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN : 1ft GP	3 dB
ANTENNA GAIN : 4ft GP	4.5 dB
VSWR:	2.0:1
OUTPUT IMPEDANCE:	50 Ω
POWER HANDLING:	200 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:**

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

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

**UNLESS OTHERWISE SPECIFIED**  
 DIMENSIONS ARE IN INCHES  
 FRACTIONS SHALL BE IN 16ths  
 DECIMALS SHALL BE TO 3 PLACES  
 ± 1/64 308 .015 ± 1"  
 ± 1/84 308 .005 ± 1"  
 TOLERANCE SHOWN PER ASH 114.5  
 REMOVE ALL BURRS  
 BREAK EXTERNAL EDGES .005 TO .015  
 FILED & POLISHED TO 150  
 DAVIS ON A COMMON EDGE  
 MACHINED SURFACES

**P/N: 3B-X.XX-Y.YYV-XT-X**

CABLE'S LENGTH:	UNIF Other-Band CON.	COLOR:
X: NO CABLE	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B
M: V-MAG. MOUNT	W: MCX; MM: MMCX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
R: CABLE LENGTH	N: NEN; N: NEN	-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B
R: RIGHT ANGLE CON.	T: TB; TNC; TNC-B; Head	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B

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

NMO Connector Option is Now Available for Some Antennas