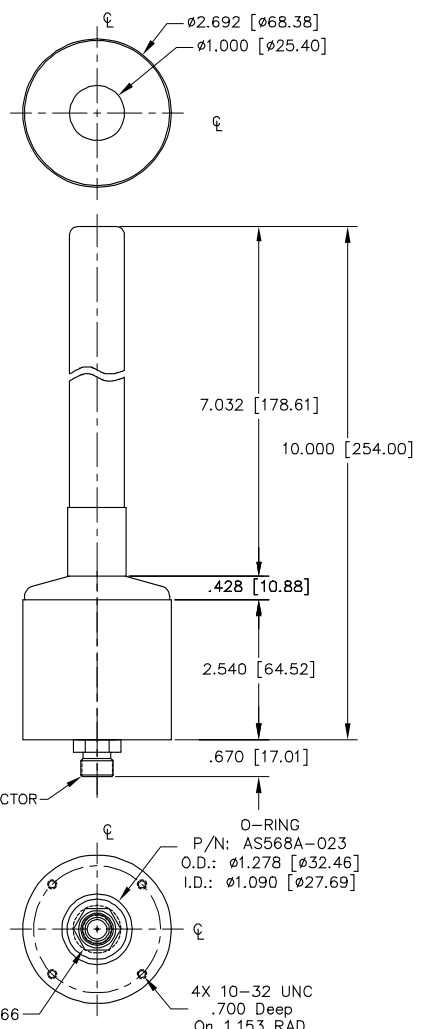
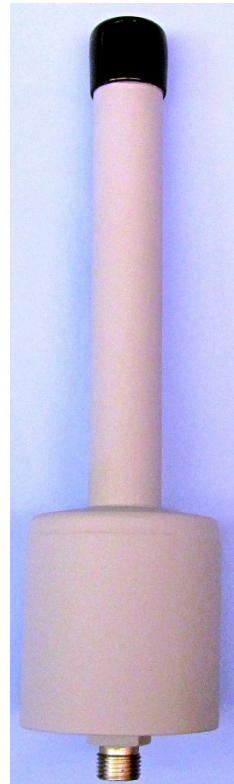
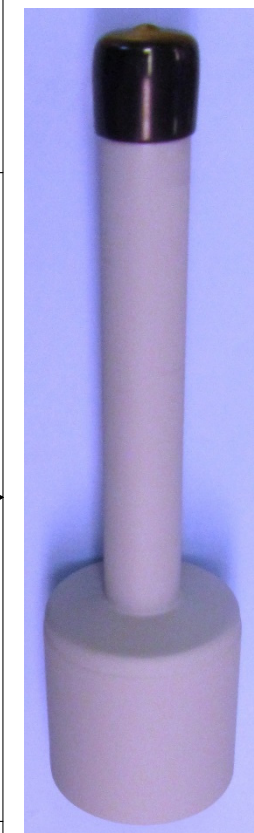


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REVISIONS			
ZONE	REV	DESCRIPTION	DATE

SPECIFICATIONS

ELECTRICAL:

FREQUENCY:	(0.161 - 0.163) GHz
RADIATION PATTERN:	OMNI
POLARIZATION:	VERTICAL
VSWR:	< 2.0:1
GAIN (dB):	(-1.6 to 0) dBil
Elevation Beam Width (3dB):	(50 to 70) °
Azimuth Beam Width (3dB):	360 °
IMPEDANCE:	50 Ohms
POWER HANDLING:	200 Watt

MECHANICAL:

SIZE: BASE DIAMETER = 2.692 in. [68.38 mm], HEIGHT = 10.00 in [254.00mm]

WEIGHT: 1.4 lbs. (635 g)

FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL
BASE IRIDIUM PER MIL-C-5441

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE, AND FIRE RETARDANT

CONNECTOR: DGO FEMALE
(OPTION: SMA, TNC, N, BNC)

ENVIRONMENTAL:

TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C]

ALTITUDE: 70,000 ft.

VIBRATION: > 30 G's

LEAKAGE: HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, D0-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

ACCEPTANCE TEST PROCEDURE: ATP-GPS-L1L2-100

FREQUENCY (GHz)	POLARIZATION:	CONNECTOR:	COLOR:
0.161-0.163; (161-163) MHz	V: VERTICAL	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B
0.174-0.180; (174-180) MHz	L: LHCP	N: MCX; MM: MMCX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
0.180-0.186; (180-186) MHz	R: RHCP	N: N; NB: N-Bulkhead	-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B
0.186-0.192; (186-192) MHz		T: TNC; TB: TNC-Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
0.192-0.198; (192-198) MHz		DGO: DGO	-5: TAN #33446 PER FED-STD-595B
X.XX-Y.YY; (X.XX-Y.YY) GHz			UU: Gray Color Teflon Coating

QTY	DESCRIPTION	PART NO	MATERIAL	REV
1	O-RING	AS568A-023, Item 553-023		2
4	SCREW, 10-32, 1.125"L	91772A834, Item 544-834		1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		ANTCOM CORP. TORRANCE CALIFORNIA	
FRACTIONS	DECIMALS	ANGLES	
± 1/64	± .005	± 1°	
TOLERANCE SURF PER ANS Y14.5		DATE: 8/26/2016	
REMOVE ALL BURNING		DRAWN BY: S. HUYNH	
BREAK EXTERNAL EDGES .005 TO .016		CHECKED BY: S. HUYNH	
FILING R. .005 TO R. .009		DATE: 08-21-07	
SCREW THREADS PER MIL-S-8879		APPROVED BY: S. HUYNH	
DATA ON A CHANGE @ 2% .005		DATE: 09-30-14	
MACHINED SURFACES		SCALE: 1/1	
DO NOT SCALE DRAWING		SHEET 1 OF 1	

P/N: 102-0.161-0.163V-XDGO-UU

NMO Connector Option is Now Available for Some Antennas