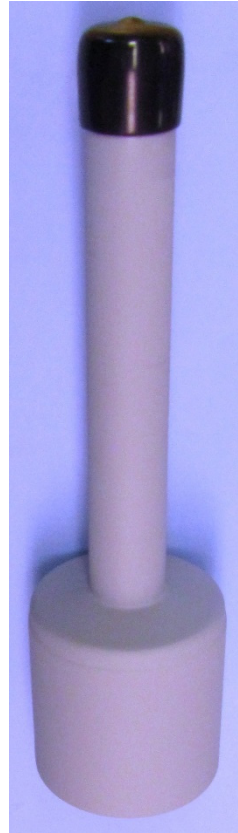
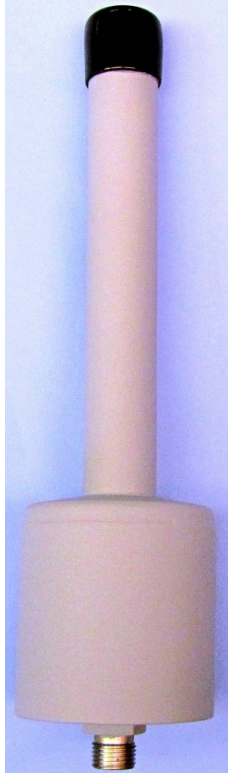
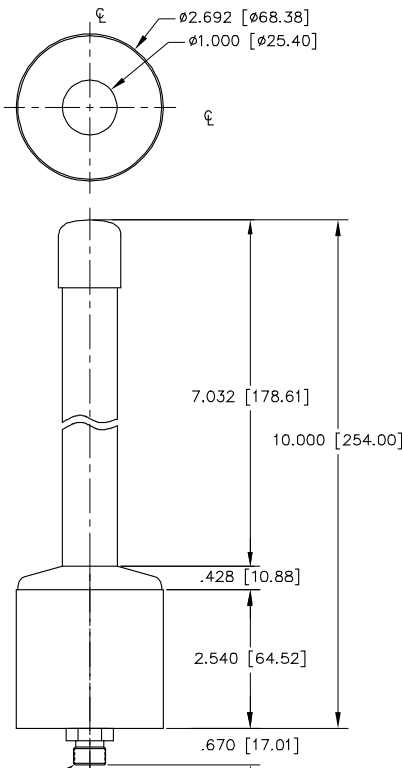

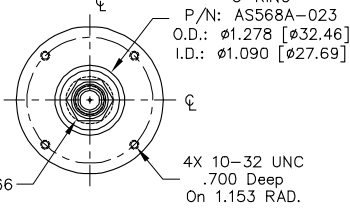


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<p style="font-size: 8px;">NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL, TECHNICAL DATA INCLUDING TRADE SECRETS PROPRIETARY TO ANTCOM CORP. DISCLOSURE OF THE DATA TO YOU IS EXPRESSLY FORBIDDEN UNLESS YOU AGREE THAT THE USE IS LIMITED TO THE DESIGN YOUR COMPANY ONLY AND DOES NOT INCLUDE MANUFACTURE OR PROCESSING AIDS. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF ANTCOM CORP.</p>								<p style="text-align: center;"><b>SPECIFICATIONS</b></p> <p><b>ELECTRICAL:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>FREQUENCY:</td><td>(2.40-2.50) GHz</td></tr> <tr><td>RADIATION PATTERN:</td><td>OMNI</td></tr> <tr><td>POLARIZATION:</td><td>VERTICAL</td></tr> <tr><td>VSWR:</td><td>2.0:1</td></tr> <tr><td>GAIN (dB):</td><td>(3 to 5) dBi</td></tr> <tr><td>ELE. BEAM WIDTH:</td><td>DIPOLE</td></tr> <tr><td>AZ. BEAM WIDTH:</td><td>360 deg.</td></tr> <tr><td>IMPEDANCE:</td><td>50 Ohms</td></tr> <tr><td>POWER HANDLING:</td><td>200 Watt</td></tr> </table> <p><b>MECHANICAL:</b></p> <p>SIZE: BASE DIAMETER = 2.692 in. [68.38 mm], HEIGHT = 10.00 in [254.00mm]</p> <p>WEIGHT: 1.4 lbs. (635 g)</p> <p>FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441</p> <p>MATERIAL: 6061-T6 ALUMINUM ALLOY BASE COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE, AND FIRE RETARDANT</p> <p>CONNECTOR: DGO FEMALE (OPTION: SMA, TNC, N, BNC)</p> <p><b>ENVIRONMENTAL:</b></p> <p>TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C]</p> <p>ALTITUDE: 70,000 ft.</p> <p>VIBRATION: &gt; 30 G's</p> <p>LEAKAGE: HERMETICALLY SEAL</p> <p><b>FEDERAL &amp; MILITARY SPECIFICATIONS:</b></p> <p><b>DESIGN TO:</b> FAA TSO-C144, DO-160D, D0-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455</p> <p><b>ACCEPTANCE TEST PROCEDURE:</b> ATP-GPS-L1L2-100</p>		FREQUENCY:	(2.40-2.50) GHz	RADIATION PATTERN:	OMNI	POLARIZATION:	VERTICAL	VSWR:	2.0:1	GAIN (dB):	(3 to 5) dBi	ELE. BEAM WIDTH:	DIPOLE	AZ. BEAM WIDTH:	360 deg.	IMPEDANCE:	50 Ohms	POWER HANDLING:	200 Watt	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">REVISIONS</th> </tr> <tr> <th style="width: 10%;">ZONE</th> <th style="width: 40%;">REV</th> <th style="width: 30%;">DESCRIPTION</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		REVISIONS				ZONE	REV	DESCRIPTION	DATE					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">QTY</th> <th style="width: 45%;">DESCRIPTION</th> <th style="width: 15%;">PART NO</th> <th style="width: 35%;">MATERIAL</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>O-RING</td> <td>AS568A-023, Item 553-023</td> <td></td> </tr> <tr> <td style="text-align: center;">4</td> <td>SCREW, 10-32, 1.125"L</td> <td>91772A834, Item 544-834</td> <td></td> </tr> </tbody> </table>		QTY	DESCRIPTION	PART NO	MATERIAL	1	O-RING	AS568A-023, Item 553-023		4	SCREW, 10-32, 1.125"L	91772A834, Item 544-834	
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<p style="text-align: center;">DGO CONNECTOR</p>  <p style="text-align: center;">CLEARANCE DIA. .866</p>  <p style="text-align: center;">O-RING P/N: AS568A-023 O.D.: <math>\phi</math>1.278 [<math>\phi</math>32.46] I.D.: <math>\phi</math>1.090 [<math>\phi</math>27.69]</p> <p style="text-align: center;">4X 10-32 UNC .700 Deep On 1.153 RAD.</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">FREQUENCY (GHz)</th> <th style="width: 20%;">POLARIZATION:</th> <th style="width: 20%;">CONNECTOR:</th> <th style="width: 40%;">COLOR:</th> </tr> </thead> <tbody> <tr> <td>1.61-1.63: (1610-1630) MHz</td> <td>V: VERTICAL</td> <td>S: SMA; P: PINS</td> <td>-1: GLOSS WHITE #17925 PER FED-STD-595B</td> </tr> <tr> <td>1.61-1.85: (1610-1850) MHz</td> <td>L: LHCP</td> <td>M: MCM; MM: MMCM</td> <td>-2: LUSTERLESS GRAY #36320 PER FED-STD-595B</td> </tr> <tr> <td>1.80-1.99: (1800-1990) MHz</td> <td>R: RHCP</td> <td>N: N; NB: N-Bulkhead</td> <td>-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B</td> </tr> <tr> <td>2.40-2.50: (2400-2500) MHz</td> <td></td> <td>T: TNC; TB: TNC-Bulkhead</td> <td>-4: LUSTERLESS BLACK #37038 PER FED-STD-595B</td> </tr> <tr> <td>4.40-5.85: (4400-5850) MHz</td> <td></td> <td>DGO: DGO</td> <td>-5: TAN #33446 PER FED-STD-595B</td> </tr> <tr> <td>X.XX-Y.YY:(X.XX-Y.YY) GHz</td> <td></td> <td></td> <td>UU: Gray Color Teflon Coating</td> </tr> </tbody> </table>		FREQUENCY (GHz)	POLARIZATION:	CONNECTOR:	COLOR:	1.61-1.63: (1610-1630) MHz	V: VERTICAL	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B	1.61-1.85: (1610-1850) MHz	L: LHCP	M: MCM; MM: MMCM	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B	1.80-1.99: (1800-1990) MHz	R: RHCP	N: N; NB: N-Bulkhead	-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B	2.40-2.50: (2400-2500) MHz		T: TNC; TB: TNC-Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B	4.40-5.85: (4400-5850) MHz		DGO: DGO	-5: TAN #33446 PER FED-STD-595B	X.XX-Y.YY:(X.XX-Y.YY) GHz			UU: Gray Color Teflon Coating	<p style="text-align: center; font-size: 18px;"><b>P/N: 102-2.40-2.50V-XDGO-UU-5dB</b></p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</th> <th colspan="2" style="text-align: center;">ANTCOM CORP.</th> </tr> <tr> <th style="width: 10%;">FRACTIONS</th> <th style="width: 10%;">DECIMALS</th> <th style="width: 10%;">TORRANCE, CALIFORNIA</th> <th style="width: 10%;">SHEET 1 OF 1</th> </tr> </thead> <tbody> <tr> <td><math>\frac{1}{16}</math></td> <td>.005</td> <td rowspan="2" style="text-align: center; vertical-align: middle;"> <p style="font-size: 14px;"><b>S-Band OMNI ANTENNA</b></p> </td> <td rowspan="2" style="text-align: center; vertical-align: middle;"> <p>DATE: Mar-21-07</p> <p>DESIGNED: S. HUYNH</p> <p>ORIGINAL DRAWN: S. HUYNH</p> <p>DATE: Mar-21-07</p> <p>REVISED: S. HUYNH</p> <p>DATE: Mar-21-07</p> <p>APPROVED: S. HUYNH</p> <p>DATE: Sept-30-14</p> </td> </tr> <tr> <td><math>\pm 1/64</math></td> <td><math>\pm 1/100</math></td> </tr> <tr> <td colspan="2"> <p>ANGLE: <math>\pm 1^\circ</math></p> <p>TOLERANCE SURF PER ANSI Y14.5</p> <p>FINISH: ALL SURF</p> <p>BREAK EXTERNAL EDGES .005 TO .015</p> <p>FILED &amp; LOCK TO R. 000</p> <p>SCREW THREADS PER MIL-S-8878</p> <p>DATE ON A COMBINE <math>\frac{1}{16}</math> OR .005</p> <p>MACHINED SURFACES <math>\frac{1}{16}</math></p> <p>DO NOT SCALE DRAWING</p> </td> <td style="text-align: center;"> <p>SCALE: 1/1</p> </td> <td style="text-align: center;"> <p>SHEET 1 OF 1</p> </td> </tr> </tbody> </table>		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ANTCOM CORP.		FRACTIONS	DECIMALS	TORRANCE, CALIFORNIA	SHEET 1 OF 1	$\frac{1}{16}$	.005	<p style="font-size: 14px;"><b>S-Band OMNI ANTENNA</b></p>	<p>DATE: Mar-21-07</p> <p>DESIGNED: S. HUYNH</p> <p>ORIGINAL DRAWN: S. HUYNH</p> <p>DATE: Mar-21-07</p> <p>REVISED: S. HUYNH</p> <p>DATE: Mar-21-07</p> <p>APPROVED: S. HUYNH</p> <p>DATE: Sept-30-14</p>	$\pm 1/64$	$\pm 1/100$	<p>ANGLE: <math>\pm 1^\circ</math></p> <p>TOLERANCE SURF PER ANSI Y14.5</p> <p>FINISH: ALL SURF</p> <p>BREAK EXTERNAL EDGES .005 TO .015</p> <p>FILED &amp; LOCK TO R. 000</p> <p>SCREW THREADS PER MIL-S-8878</p> <p>DATE ON A COMBINE <math>\frac{1}{16}</math> OR .005</p> <p>MACHINED SURFACES <math>\frac{1}{16}</math></p> <p>DO NOT SCALE DRAWING</p>		<p>SCALE: 1/1</p>	<p>SHEET 1 OF 1</p>		
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NMO Connector is Now Available for Some Antennas