



### S-Band Antenna

P/N: 52W-x.xx-y.yyP-XTB-X (x.xx-y.yy) GHz, TNC Bulkhead

P/N: 52W-2.40-2.50P-XTB-X (2.40-2.50) GHz, TNC Bulkhead



2.5" Tall Rod Top Mount Configuration, Other Frequencies, Connectors and Colors are Available

ISO 9001:2008/FAA Approved Facility

Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

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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 THIS DATA TO YOU IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY (AND DOES NOT INCLUDE MANUFACTURE OR PROCESSING USES). ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF ANTCOM, CORP.</p>					<p><b>SPECIFICATIONS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">ZONE REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>C</td> <td></td> <td>S/C BAND</td> <td>02/11/16</td> <td>S.H</td> </tr> </tbody> </table>		ZONE REV		DESCRIPTION	DATE	APPROVED	C		S/C BAND	02/11/16	S.H					
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				<p><b>MECHANICAL:</b></p> <p>SIZE: DIAMETER: TOP= 0.500 in [12.70 mm], BOTTOM= 1.75 in [44.45 mm] HEIGHT: 2.5 in [63.5mm]</p> <p>WEIGHT: 1.2oz. (34g)</p> <p>FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441F</p> <p>MATERIAL: 6061-T6 ALUMINUM ALLOY BASE THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE</p> <p>CONNECTOR: BULKHEAD TNC FEMALE (OPTIONAL: SMA, N, MCX, MMCX, SMB, QMA)</p>																	
<p>CONFIGURATION: 5: WITH 1.75IN DIA. FLANGE 5: WITHOUT FLANGE (Reduce the Weight by 0.61oz (17g))</p> <p>FREQUENCY: 2.40-2.50; (2400-2600) MHz</p> <p>LNA: A: WITH +20 dB LNA P: WITHOUT LNA</p> <p>FEMALE CONNECTOR: S: SMA; RS: R-SMA; Q: QMA M: MCX; MM: MMCX N: N; NB: N-Bulkhead T: TNC; TB: TNC- Bulkhead</p> <p>COLOR: -1: GLOSS WHITE #17925 PER FED-STD-595B -2: LUSTERLESS GRAY #36320 PER FED-STD-595B -3: CAMO GREEN #34094 PER FED-STD-595B -4: LUSTERLESS BLACK #37038 PER FED-STD-595B -5: DESERT TAN #33446 PER FED-STD-595B</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;10 G's</p> <p>LEAKAGE: HERMETICALLY SEALED</p>																	
<p><b>FEDERAL &amp; MILITARY SPECIFICATIONS:</b></p> <p>DESIGN TO: DO-160D, MIL-C-5541, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810E</p>				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>1</th> <th>DESCRIPTION</th> <th>PART NO</th> <th>SPECIFICATION</th> <th>MATERIAL</th> <th>FINISH</th> <th>ITEM NO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> </tbody> </table>		1	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO	1						1		
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<p><b>P/N: 52W-X.XX-Y.YYP-XTB-X</b></p>				<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>FRACTIONS DECIMALS ANGLES ± 1/64 .xxx ± 1°</p> <p>TOLERANCE SYM PER ANSI Y14.5 REMOVE ALL BURRS BREAK EXTERNAL EDGES .005 TO .016 FILLETS R .005 TO R .030 SCREW THREADS PER MIL-S-8879 DIAS ON A COMMON 2/28 .005 MACHINED SURFACES 25/</p> <p>DO NOT SCALE DRAWING</p>																	
<p><b>ANTCOM CORP.</b> TORRANCE CALIFORNIA</p> <p><b>S-BAND OMNI ANTENNA</b></p> <p>SIZE CASE NO DRAWING NO REV D 3CVE1 52W-X.XX-Y.YYP-XTB-X C</p> <p>SCALE 1/1 SHEET 1 OF 1</p>				<p>ORIGINAL DRAWN S. HUYNH Oct-12-01</p> <p>ORIGINAL DESIGNED S. HUYNH Oct-12-01</p> <p>UPDATED S. HUYNH Feb-11-16</p> <p>UPDATE DRAWN P. TRAN Feb-11-16</p> <p>APPROVED S. HUYNH Feb-11-16</p>																	

NMO Connector Option is Now Available for Some Antennas