




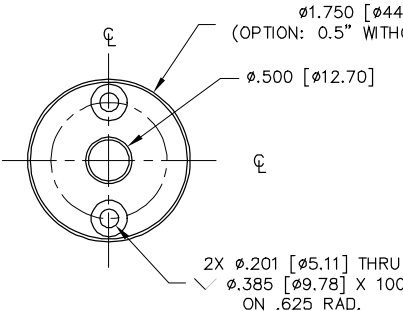
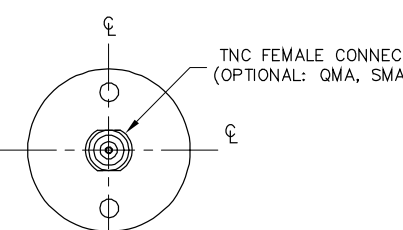
**C-Band Antenna, P/N: 52W-4.40-5.85P-XT-X-X**  
**P/N: 52W-4.40-5.85P-XT-3-X (Green, No Radius)**



1" Tall Rod Conformal Configuration  
 Other Frequencies, Connector, Color and LNA Options are Available

ISO 9001:2008/FAA Approved Facility Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501, USA . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: [antennas@antcom.com](mailto:antennas@antcom.com) . <http://www.antcom.com>

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<p><b>NOTICE OF PROPRIETARY RIGHTS</b>            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>REVISIONS</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>ZONE</th> <th>REV</th> <th>DESCRIPTION</th> <th>DATE</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>		ZONE	REV	DESCRIPTION	DATE	APPROVED	-	-	-	-	-	<p><b>SPECIFICATIONS</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">ELECTRICAL:</th> </tr> </thead> <tbody> <tr> <td>FREQUENCY (MHz):</td> <td>C-BAND (4400-5850)</td> </tr> <tr> <td>PATTERN:</td> <td>OMNIDIRECTIONAL</td> </tr> <tr> <td>POLARIZATION:</td> <td>VERTICAL</td> </tr> <tr> <td>ANTENNA GAIN :</td> <td>&gt; 2 dB</td> </tr> <tr> <td>VSWR:</td> <td>2.0:1 (4.8GHz - 5.1GHz) 2.65:1 (&lt;4.8GHz / &gt;5.1GHz)</td> </tr> <tr> <td>OUTPUT IMPEDANCE:</td> <td>50 Ω</td> </tr> <tr> <td>POWER HANDLING:</td> <td>&gt;50 watts (Without LNA)</td> </tr> <tr> <td>LNA OPTION:</td> <td>GAIN: 20 dB, NF: 1.4-4,1 dB, OP1dB: +18dB, OIP3: +33dB DC: (5 to 24) Volt @ &lt;70mA</td> </tr> </tbody> </table>		ELECTRICAL:		FREQUENCY (MHz):	C-BAND (4400-5850)	PATTERN:	OMNIDIRECTIONAL	POLARIZATION:	VERTICAL	ANTENNA GAIN :	> 2 dB	VSWR:	2.0:1 (4.8GHz - 5.1GHz) 2.65:1 (<4.8GHz / >5.1GHz)	OUTPUT IMPEDANCE:	50 Ω	POWER HANDLING:	>50 watts (Without LNA)	LNA OPTION:	GAIN: 20 dB, NF: 1.4-4,1 dB, OP1dB: +18dB, OIP3: +33dB DC: (5 to 24) Volt @ <70mA
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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: 1.0 in [25.4mm]</p> <p>WEIGHT: 1.1oz. (31g)</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: TNC FEMALE            (OPTIONAL: SMA, N, MCX, MMCX, SMB, QMA)</p>																													
<p>(-3): R3.000 [R76.20]            (-3.5N): R3.500 [R88.90]            (-4P): R4.000 [R101.60]            (-6M): R6.000 [R152.40]            (-7.5E): R7.500 [R190.50]            (-5): R5.000in, (-X): RX.XXX</p>		<p>0.25" [6.37] (MCX/MMCX),            0.46"[11.68] (SMA/R-SMA),            0.57" [14.53] (TNC),            0.83"[21.00] (TNC-BH), 0.72" [18.29] (N, N-BH)</p>		<p><b>ENVIRONMENTAL:</b></p> <p>TEMPERATURE: -67°F TO +185°F [-55°C TO +85°C]            ALTITUDE: 70,000 ft.            VIBRATION: &gt;10 G's            LEAKAGE: HERMETICALLY SEALED</p>																													
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<p>CONFIGURATION: 52: WITH 1.75IN DIA. FLANGE            5: WITHOUT FLANGE (Reduce the Weight by 0.61oz (17g))</p>		<p>FREQUENCY: 4.40-5.85: (4400-5850) 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>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES            FRACTIONS DECIMALS ANGLES            ± 1/64 .xxx±.005 ± 1°</p> <p>TOLERANCE SWM 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            DIA'S ON A COMMON ± .005            MACHINED SURFACES .25/</p> <p>DO NOT SCALE DRAWING</p>																													
<p>ORIGINAL DRAWN S. HUYNH Oct-12-01</p> <p>ORIGINAL DESIGNED S. HUYNH Oct-12-01</p> <p>UPDATED S. HUYNH June-06-16</p> <p>UPDATE DRAWN P. TRAN June-06-16</p> <p>APPROVED S. HUYNH June-06-16</p>		<p>ANTCOM CORP. TORRANCE CALIFORNIA</p> <p>C-BAND OMNI ANTENNA</p> <p>SIZE CASE NO D 3CVE1            DRAWING NO 52W-4.40-5.85P-XT-3-X            SCALE 1/1</p>		<p>REV SHEET 1 OF 1</p>																													

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NMO Connector Option is Now Available for Some Antennas