



ISO 9001:2008/FAA Approved Facility

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

# UHF/L/S/C-Band Antenna (4 Ports),

## P/N: 5B-0.810-5.85P-XS4-X, 4.6" Tall Blade Configurations



FAA Approved  
TSO Antennas

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

**SPECIFICATIONS**

**ELECTRICAL:**

	Cellular, GSM, ISM, WLAN, RFID	PCS, 802.11b, 802.11g, WiFi, Bluetooth, Hotspot	802.11a, WiFi, ISM
	J1: UHF	J2: L/S-BAND	J3: S-BAND
FREQUENCY (MHz):	(810-960)	(1610-1850-2400-2500)	(2400-2500) (4400-5850)
PATTERN:	OMNIDIRECTIONAL		
POLARIZATION:	VERTICAL		
ANTENNA GAIN :	> 2 dB		
VSWR:	2.0:1		
OUTPUT IMPEDANCE:	50 Ω		
POWER HANDLING:	>50 watts		

**MECHANICAL:**

SIZE: WIDTH 1.75 in. [44.45 mm], LENGTH 5.25 in. [133.35 mm], HEIGHT 4.625 in. [117.48 mm]  
 WEIGHT: 9.6 oz. (0.27 Kg)  
 FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL  
 COLOR: BASE IRIDITE PER MIL-C-5441  
 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: SMA-FEMALE

**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:**

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

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	REF. NO.
4	SCREW, MOUNTING	MS24693C273	-	-	-	2
1						1

**UNLESS OTHERWISE SPECIFIED**  
ANGLES TO BE SHOWN AS FRACTIONS UNLESS OTHERWISE SPECIFIED  
± 1/64 .001 .005 ± 1°  
TOLERANCE .014 PER ANG 1/16.5  
REMOVE ALL BURRS  
MEASUREMENTS TO .001 UNLESS OTHERWISE SPECIFIED  
DATE 11-2008 BY S. HUYNH  
DATE 05-17-01  
DO NOT SCALE DRAWING

**ANTCOM CORP.** TORRANCE, CALIFORNIA  
 OUTLINE DRAWING  
 UHF/L/S/C-BAND  
 VIDEO/DATA LINK ANTENNA

APPROVED: S. HUYNH 05-17-01  
 DESIGNED TO: 3CVE1  
 DRAWING NO: 5B-0.81-5.85P-XS4-2  
 SCALE: 1/1  
 SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas