



UHF + L/S + C-Band Antenna

P/N: 9B-0204-LS-C-12NTT-2-1DBU

9.1" Tall Blade Configuration



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

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4X ϕ .201 [ϕ 5.11] THRU
 \checkmark ϕ .385 [ϕ 9.78] X 100'

5.250 [133.35]

2.062 [52.37]

9.055 [230.00]

ϕ .980 [24.89]

3.600 [91.44]

O-RING
P/N: MS28775-024

P/N: 9B-0204-LS-C-12NTT-2-1DBU

CABLE'S LENGTH:	CONNECTOR:	COLOR:
X: NO CABLE	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B
#: CABLE LENGTH (IN)	M: MCX; MM: MMCX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
	N: N/N-Bulkhead	-3: CAMO GREEN #34094 PER FED-STD-595B
	T, TB: TNC, TNC-Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
		-5: DESERT TAN #33446 PER FED-STD-595B

SPECIFICATIONS

ZONE	REVISIONS			
	REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL:

	J1 - UHF	J2 - L/S-BAND	J3 - C-BAND
FREQUENCY (MHz):	(225-450) MHz	(1610-2500)	(4400-5850)
RADIATION PATTERN:	OMNIDIRECTIONAL		
POLARIZATION:	VERTICAL		
ANTENNA GAIN:	-1 dBi	2 dB	2 dB
VSWR:	< 3:1, < 2.6:1 @ > 400MHz	2.0:1	2.0:1
OUTPUT IMPEDANCE:	50 Ω	50 Ω	50 Ω
POWER HANDLING:	200 watts	>50 watts	>50 watts

MECHANICAL:

SIZE: WIDTH 2.06 in. [52.4 mm], LENGTH 5.25 in. [133.3 mm], HEIGHT 9.05 in. [230 mm]

WEIGHT: 11.5 oz. (326 g)

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

COLOR: LUSTERLESS GRAY #36320 PER FED-STD-595B
GLOSS WHITE #17925 PER FED-STD-595B
CAMO GREEN #34094 PER FED-STD-595B
LUSTERLESS BLACK #37038 PER FED-STD-595B

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

CONNECTOR: UHF: N FEMALE CABLE
L/S, C-BAND : TNC FEMALE CABLE
(OPTION: TNC, TNC Bulkhead, SMA, MCX, MMCX, or Cable)

ENVIRONMENTAL:

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

ALTITUDE: 70,000 ft.

VIBRATION: 14 G's

LEAKAGE: HERMETICALLY SEALED

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: TSO-C129A/C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

4	SCREW, MOUNTING	MS24693-C286, ITEM 579G	-	-	2
1	O-RING	MS28775-024, ITEM 653	-	-	1

QTY	DESCRIPTION	PART NO	MATERIAL	FINISH	REF

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		PARTS LIST	
FRACTIONS DECIMALS ANGLES	ORIGINALLY DRAWN	S. HUYNH	Mar-21-13
\pm 1/64 .0005 .001	ORIGINALLY DESIGNED	S. HUYNH	Mar-21-13
TOLERANCE SW PER ANSI Y14.5	UPDATED	S. HUYNH	April-23-15
BREAK EXTERNAL EDGES .000 TO .015	UPDATE DRAWN	P. TRAN	April-23-15
DRILL & TAP TO FIT .0005	APPROVED	S. HUYNH	April-23-15
30% MIN THREAD PER MIL-F-8879			
DATA ON A DIMENSION & OF .000			
MACHINED SURFACES \checkmark			
DO NOT SCALE DRAWING			