



FAA Approved Facility

(0.69 – 5.8)GHz 3G/ 4G/ 5G/ LTE/ UHF/ L/ S / Wifi Array Antenna

P/N: 4X11-0.69-3.6-2.4-5.8V-XS6-1

Other Frequencies, Connector, Color and Mounting Options are Available

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



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6X SMA FEMALE CONNECTOR

EPDM O-RING
P/N: 2-036/N756-75
O.D: 2.568
I.D: 2.362

SPECIFICATIONS

	REVISIONS				
	ZONE	REV	DESCRIPTION	DATE	APPROVED

ELECTRICAL:

	J3/J4/J5/J6	J1/J2
	3G/4G/5G/LTE/UHF/L/S-Band/Wifi	Wifi (802.11ac)
FREQUENCY:	(698-960)/(1710-2170)/(2300-2700)/(2900-3600) MHz	(2400 - 5800) MHz
PATTERN:	OMNIDIRECTIONAL	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL	VERTICAL
ANTENNA GAIN :	3.5 dBil (on Minimum 24in Ground Plane)	
VSWR:	700 MHz = 2.8:1, 800 MHz = 2.2:1, >800 MHz = 2.0:1	
OUTPUT IMPEDANCE:	50 Ω	
POWER HANDLING:	100 watts CW	
LIGHTNING PROTECTION:	DC GROUNDING	

MECHANICAL:

SIZE: WIDTH: 10.450in. [265.4mm], LENGTH: 3.937in. [100.0mm], HEIGHT: 3.250 in. [82mm]

WEIGHT: 1.9 lbs. (861 g)

FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL
BASE IRIDIUM PER MIL-C-5541F

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE

CONNECTOR: SMA FEMALE
(OPTIONAL: TNC, BNC, N OR CABLE)

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:

TSO-C169A/C144, MIL-C-5541F(Finish), MIL-DTL-14072(Finish), MIL-I-45208A(Inspection), DO-160D(Test), DO-228, MIL-STD-810 (Test), SAE J1455(Environmental), MIL-S-901D(Shock), MIL-STD-167-1A(Vibration), MIL-HDBK-2164A(Stress), MIL-STD-461E/F(Elec Interfer), MIL-STD-202(Elec Comp.), MIL-HDBK-5400(Elec Eq.), MIL-HDBK-454(Elec Eq.), MIL-PRF-39012(Conn), MIL-STD-129 (Marking), MIL-STD-1285(Marking), MIL-STD-889(Metal), FED-STD-595(Color), MIL-C-85704B(Solvent), MIL-G-81827(Grease)

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SIZE:	START FREQ. (GHz):	STOP FREQ. (GHz):	CONNECTOR:	COLOR:
1: 2" SQ.	0.22, 0.31, 0.35, 0.37,	0.31, 0.35, 0.37, 0.40,	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B
1.9: 1.9" SQ.	0.40, 0.42, 0.45, 0.47,	0.41, 0.42, 0.45, 0.47,	M: MCX; MM: MMCX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
2: 2.6" DIA.	0.70, 0.80, 0.98, 1.30	0.70, 0.80, 0.99, 1.40	N: N/N-Bulkhead	-3: CAMO GREEN #34094 PER FED-STD-595B
3: 3.5" DIA.	1.50, 1.60, 1.70, 1.80	1.55, 1.65, 1.75, 1.85	T, TB: TNC, TNC- Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
3B/5B: 3in/5in BLADE	1.99, 2.40, 2.70	1.99, 2.50, 2.70	BNC: BNC	-5: DESERT TAN #33446 PER FED-STD-595B

QTY	DESCRIPTION	PART NO	SPECIFICATION	REF NO
6	SCREW, MOUNTING: 10-32 X 100" FLAT H	91771A833		2
1	O-RING	2-036/N756-75		1

ANTCOM CORP. TORRANCE, CALIFORNIA

3G/4G/5G/LTE/UHF/L/S-Band/Wifi Antenna Array

SCALE 1/1

SHEET 1 OF 1