



UHF Antenna,  
UHF Body Antenna,  
UHF Antenna,  
GSM/Cellular/PCS/UHF-Band Antenna,  
PCS/L-Band Antenna,  
S-Band Antenna,  
S-Band Antenna2,

P/N: XXX-X-0.22-0.40-Ant (Item 307Tx, Sx, Bx, Nx, NBx),  
P/N: XXX-X-0.22-0.40-Ant-Body (Item 307bTx, Sx, Bx, Nx, NBx),  
P/N: XXX-X-0.31-0.45-Ant (Item 307T, S, B, N, NB),  
P/N: XXX-X-0.81-1.99-Ant (Item 308T, S, B, N, NB),  
P/N: XXX-X-1.20-2.50-Ant (Item 309T, S, B, N, NB),  
P/N: XXX-X-1.50-2.50-Ant (Item 310T, S, B, N, NB) Center @ 2.5 GHz

P/N: XXX-X-2.02-2.07-Ant (Item 310GT, GS, GB) Giza, C-Band Antenna, P/N: XXX-X-4.40-5.85-Ant (Item 341T, S, B, N, NB)



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

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DRAWING NO. REV. 1

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

**SPECIFICATIONS**

**ELECTRICAL:**

	UHF	L-BAND	L/S-BAND	S-BAND	C-BAND
FREQUENCY (MHz):	SEE PART NUMBER BELOW				
PATTERN:	OMNIDIRECTIONAL				
POLARIZATION:	VERTICAL				
ANTENNA GAIN :	> 2 dB				
VSWR:	2.0:1				
OUTPUT IMPEDANCE:	50 Ω				
POWER HANDLING:	>50 watts (Without LNA)				
LNA OPTION:	GAIN: 20 dB, NF: 4.1 dB, OP1dB: +18dB, OIP3: +33dB DC: (5 to 24) Volt @ <70mA				

**MECHANICAL:**

SIZE: DIAMETER: < 0.2 in  
HEIGHT: SEE PART NUMBER BELOW

WEIGHT: UHF: 0.7 oz. (19g); L-Band: 0.3 oz. (9g); S-Band: 0.2 oz. (7g);  
C-Band: 0.2 oz. (7g).

COLOR: BLACK

CONNECTOR: SMA FEMALE BULKHEAD (SMA, TNC, N, AND OTHERS ARE OPTIONAL)

**ENVIRONMENTAL:**

TEMPERATURE: -67°F TO +185°F [-55°C TO +85°C]  
ALTITUDE: 70,000 ft.  
VIBRATION: >10 G's  
LEAKAGE: HERMETICALLY SEALED

**FEDERAL & MILITARY SPECIFICATIONS:**

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

**CONNECTOR:**

CONNECTOR:	FREQUENCY:	HEIGHT:
SMA-FB; SMA-M	0.31-0.40: (310-400) MHz	9.40in
MCX; MCX-FB	0.35-0.40: (350-400) MHz	9.40in
N; N-FB	0.40-0.45: (400-450) MHz	9.40in
TNC-M; TNC- FB	0.81-1.99: (810-960) MHz	3.50in
	0.87-1.99: (870-1990) MHz	2.65in
	1.20-2.50: (1200-2500) MHz	2.65in
	1.33-1.54: (1332-1540) MHz	2.19in
	1.61-1.85: (1610-1850) MHz	2.19in
	1.50-2.50: (1500-2500) MHz	1.86in
	1.80-1.99: (1800-1990) MHz	1.86in
	2.40-2.50: (2400-2500) MHz	1.86in
	4.40-5.85: (4400-5850) MHz	1.86in
	X.XX - Y.YY: (X.XX - Y.YY) GHz	1.86in

Height: See Part Number Below

Dimensions: .182 [4.62], .408 [10.38]

Item 307N, Item 307NB, Item 307T, Item 309S, Item 308T, Item 309T, Item 310B, Item 310T, Item 310N, Item 307B

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ANTCOM CORP. TORRANCE CALIFORNIA

UHF, L, L/S, S, or C-BAND ACTIVE/PASSIVE OMNI ANTENNA

P/N: SMA-FB-X.XX-Y.YY-ANT

SCALE 1/1 SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas