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**SPECIFICATIONS**

**ELECTRICAL:** 2G1760AMP12-XS-3S (0.1-6) GHz

P/N:	2GXXXXAMPXX-XT-XT	2G4460AMP20-XT-XT	P/N: 2G0105AMP12-XT-XT	2G07180AMP26-XT-XT	2G60180AMP24-XT-XT
FREQUENCY:	(.100 - 3.0) GHz	(4.0 - 6.0) GHz	(100 - 500)MHz	(4.4 - 6.0)GHz	(6.0 - 18.0) GHz
VSWR:	See Table Below for Other Frequencies				
IMPEDANCE:	< 2:1	< 2:1	< 2:1	< 2:1	< 2:1
LNA GAIN:	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
LNA NOISE FIGURE:	33±2 dB	20±2 dB	12±2 dB	26±2 dB	24±2 dB
LNA P1dB Out:	3 dB	3 dB	3 dB	3 dB	6.5 dB
LNA DC POWER:	+11 dBm	(+8 to +10) dBm	(+5 to +13) dBm	24 dBm	18 dBm
POWER HANDLING:	(+3 to 21) Volts <35mA	+12 Volts <80mA	+12 Volts <50mA	+12 Volts <400mA	+5 Volts <290mA

**MECHANICAL:**

SIZE: LENGTH=2.00 in.[ 50.80 mm], WIDTH=2.00 in.[ 50.80 mm], HEIGHT= <0.61 in.[15.47 mm]

WEIGHT: 4.00 oz. (.113 Kg)

FINISH: IRIDITE PER MIL-C-5441F

MATERIAL: 6061-T6 ALUMINUM ALLOY

CONNECTOR: SMA FEMALE (OPTIONAL: MCX, MMCX, SMA-M, TNC, TNC-M, OR N)

**ENVIRONMENTAL:**

TEMPERATURE: -67 °F TO +185 °F [-55 °C TO +85 °C] (Operational)  
-85 °F TO +302 °F [-65 °C TO +150 °C] (Storage)

ALTITUDE: 70,000 ft.

VIBRATION: >30 G's

LEAKAGE: HERMETICALLY SEALED

**FEDERAL & MILITARY SPECIFICATIONS:**

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

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
A		For DC Connector Options	July-25-06	S.H
C		GAIN	July-14-16	S.H

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**CABLE'S LENGTH:** INPUT/ OUTPUT CONNECTOR Ext. DC CONNECTOR

X: NO CABLE	S: SMA, SM; SMA-M	S: SMA, SM; SMA-M
M: WITH MAG. MOUNT	M: MCX, MM; MMCX	M: MCX, MM; MMCX
R: CABLE LENGTH (IN)	T: TNC, TM; TNC-M	T: TNC, TM; TNC-M; N
R: RIGHT ANGLE CON.	N: N	NO CON. FOR DC OPTION 1 AND 2

**ANTCOM CORP.** TORRANCE, CALIFORNIA

OUTLINE DRAWING (0.005-3) GHz, UHF, GPS, S, C, Ku-BAND AMPLIFIER

SCALE 1/1 SHEET 1 OF 1