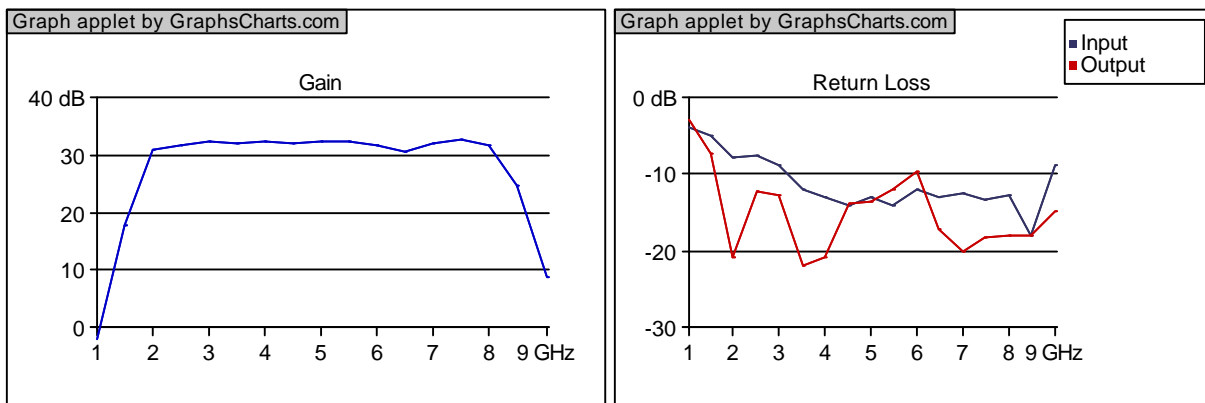


2-8 GHz 1 W BROADBAND LOW NOISE AMPLIFIER**Features:**

- Thin Film Hybrid MIC Process
- Field Replaceable RF Connector

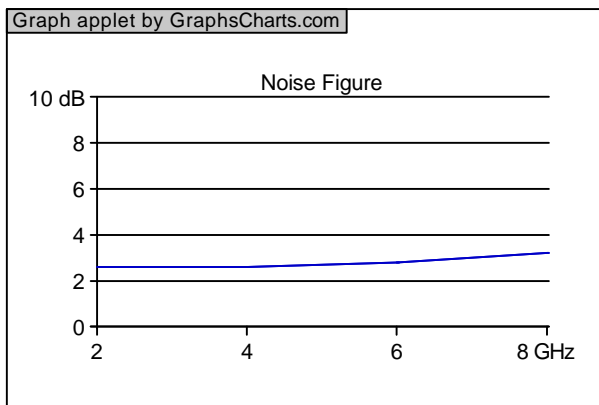
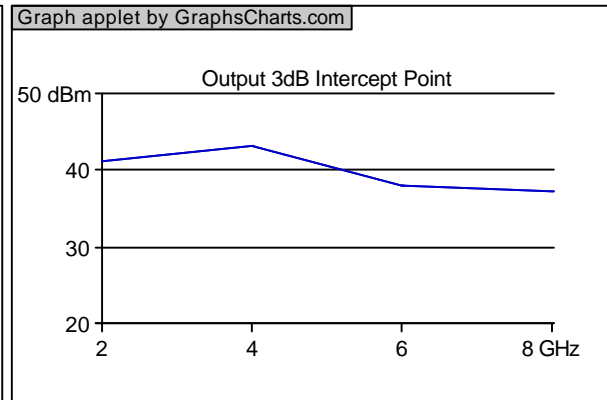
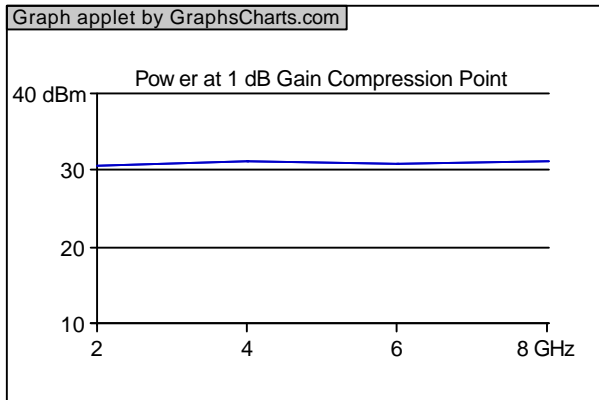
Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	2		8	GHz	
Gain	30		35	dB	
Gain Flatness			2	dB(+/-)	
Power @ 1dB Gain Compression Point	29.5	30		dBm	
Output 3rd Order Intercept Point	37	39		dBm	
Noise Figure		2.8	3.5	dB	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	12		18	V	
Supplied Current		1.0	1.2	A	

Typical Test Data

Updated: 5/2/2006

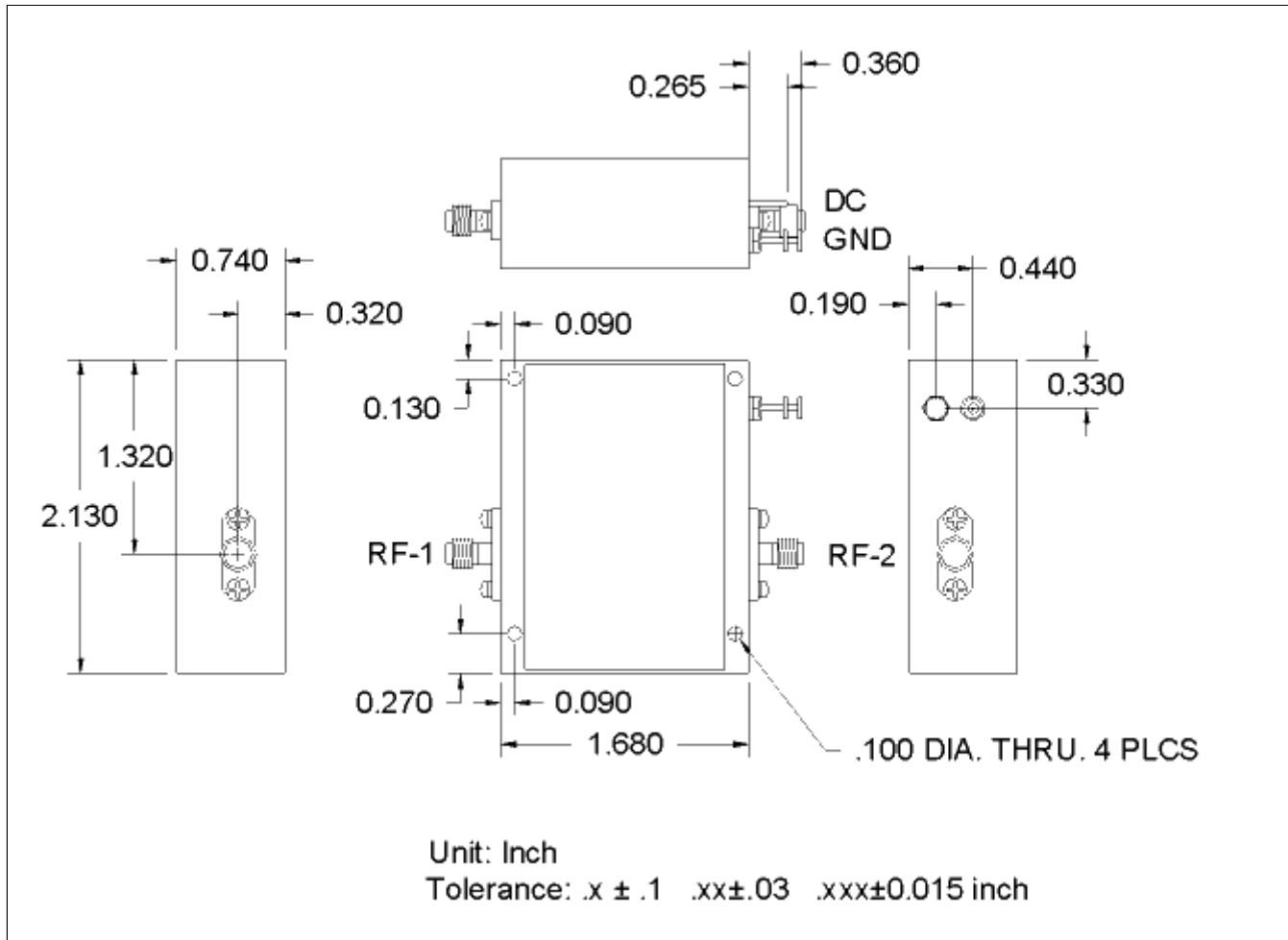
2-8 GHz 1 W BROADBAND LOW NOISE AMPLIFIER



Outline Drawing

NBL00426

2-8 GHz 1 W BROADBAND LOW NOISE AMPLIFIER



Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	SMA-F	1	IN	I	RF INPUT SIGNAL
RF-2	SMA-F	1	OUT	O	RF OUTPUT SIGNAL
DC	EMI Filter	1	+12 V	I	DC INPUT (12 TO 18 V)
GND	GROUND LUG	1	GND	O	GROUND

Updated: 5/2/2006