

12.7-26.5 GHz Broadband Amplifier

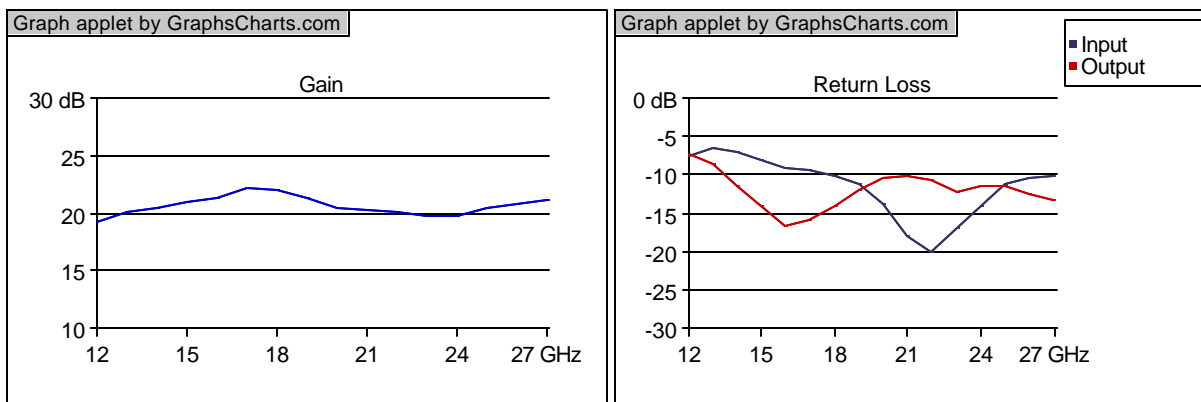
Features:

- Field Replaceable SMA Connectors
- Thin-Film Hybrid MIC Process
- Reverse Bias Protection.

Electrical Performance

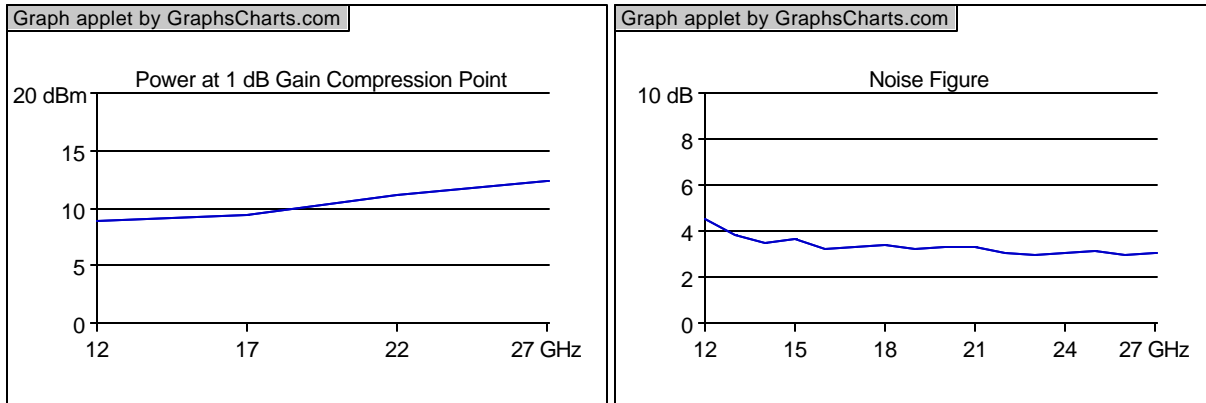
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	12.7		26.5	GHz	
Gain	16.5	20		dB	
Gain Flatness		1	2	dB(+/-)	
Power @ 1dB Gain Compression Point	7	10		dBm	
Noise Figure		5	6.5	dB	
VSWR Input		2.0	2.5		
VSWR Output		2.0	2.5		
DC Supply Voltage	9	12	15	V	
Supplied Current		50	75	mA	

Typical Test Data

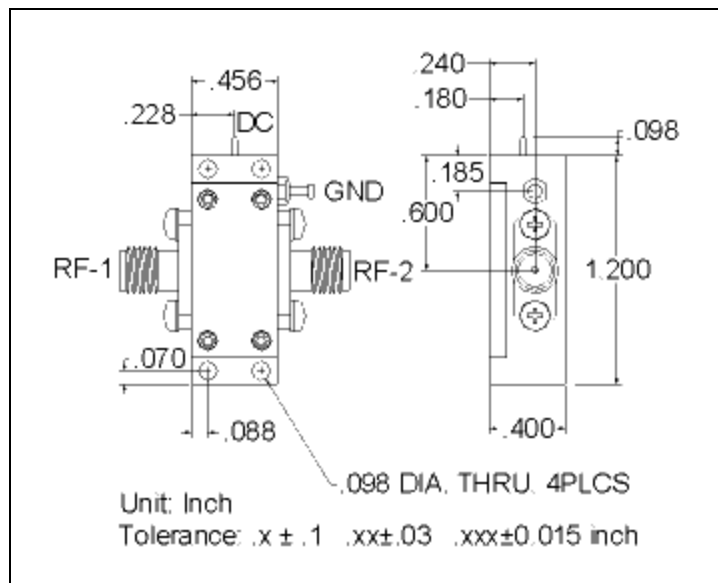


Updated: 10/25/2007

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Outline Drawing



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 Voltage (+9 V TO +15 V)
GND	GROUND LUG	1	GND	O	Ground

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