

## 6.0-18.0 GHz Broad Band Amplifier

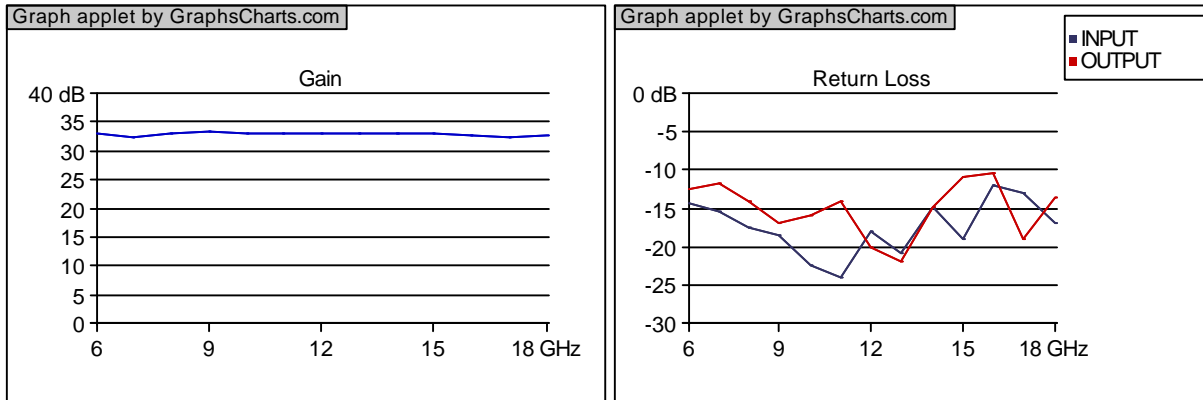
**Features:**

- Field replaceable SMAs.
- A thin film hybrid MIC amplifier.

**Electrical Performance**

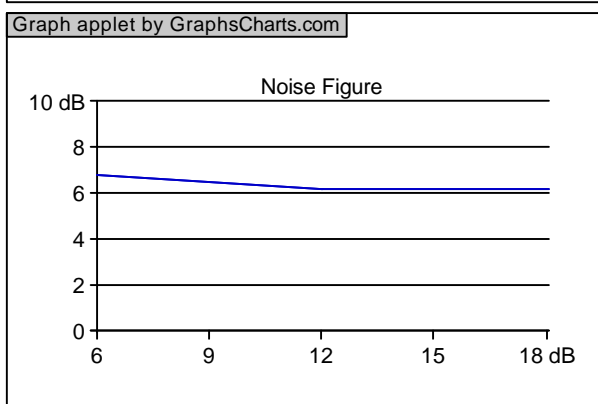
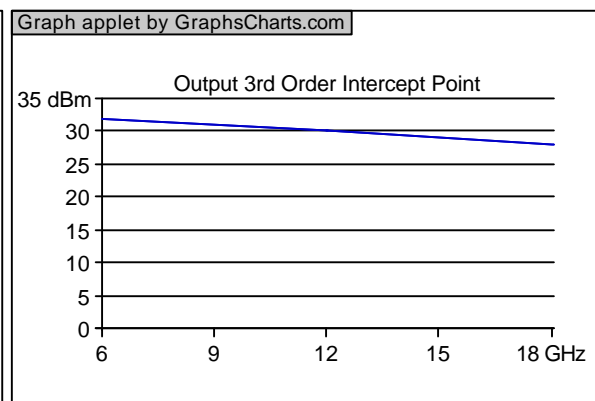
Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	6		18	GHz	
Gain	30	33		dB	
Gain Flatness			2	dB(+/-)	
Power @ 1dB Gain Compression Point	21	23		dBm	
Noise Figure			7.5	dB	
VSWR Input			2.0		
VSWR Output			2.0		
DC Supply Voltage	11	12	16	V	
Supplied Current		420	480	mA	

**Typical Test Data**



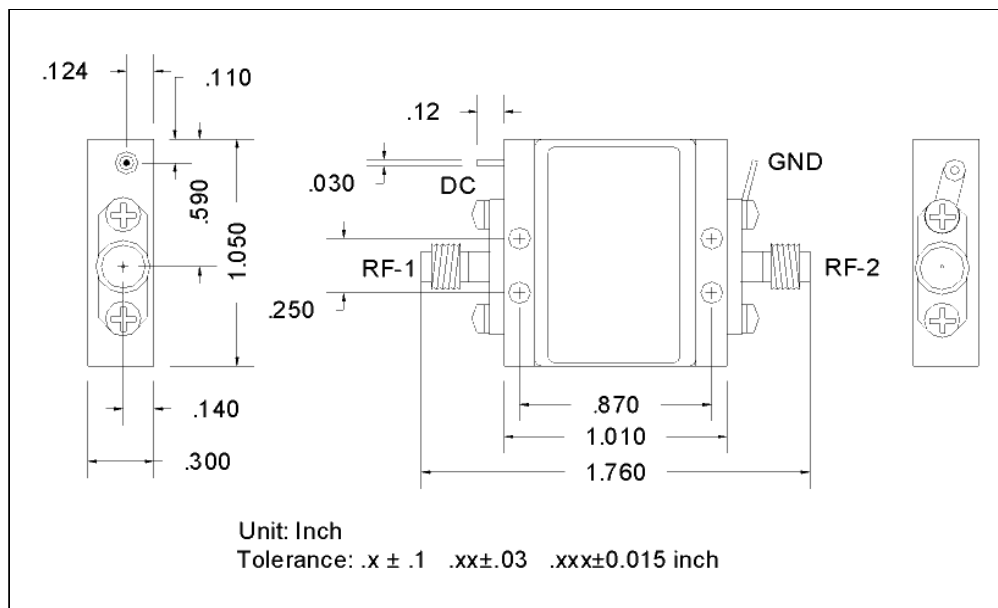
Updated: 11/15/2006

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Outline Drawing

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**6.0-18.0 GHz Broad Band 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 (+11 TO +16V)
GND	GROUND LUG	1	GND	O	GROUND

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