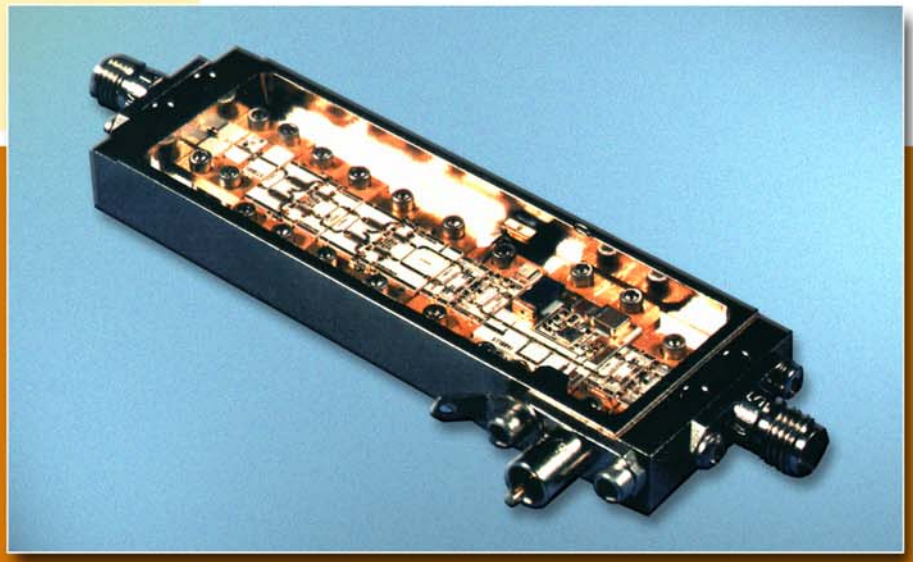
RF/Microwave Amplifier Products



BROADBAND LNAs

Military, Space, and Commercial Applications

FEATURES:

- EXCELLENT NOISE FIGURE PERFORMANCE
- TEMPERATURE COMPENSATION AVAILABLE
- UNCONDITIONALLY STABLE
- INTEGRATED LIMITERS AVAILABLE
- HERMETIC AND NON-HERMETIC OPTIONS AVAILABLE
- QUALIFIED MANUFACTURING PER MIL-PRF-38534 CLASS B, S AND K AVAILABLE
- SMA CONNECTORS STANDARD - OTHER OPTIONS AVAILABLE

TYPICAL PERFORMANCE @ 25°C:

Frequency (GHz)	Model No.	Gain (dB) Min.	Gain (dB) Max.	Flatness -dB (p-p)	NF, dBm	P1dB, dBm	VSWR, Max.	VDC, V	IDC, ma
0.1 – 0.5	LNAR1R5-28	27	29	2	2.2	7	2.0:1	12	100
0.4 – 1.0	LNAR401-30	28	31	1	1.7	12	2.0:1	-6/+12	20/60
1.0 – 2.0	LNA0120-10	8	12	1	4.5	8	2.0:1	6	60
1.0 – 2.0	LNA0102-27	27	28	1	2.0	12	2.0:1	-6/+6	60/20
1.0 – 12.0	LNA0112-30	26	33	2	3.2	10	2.0:1	-6/+6	10/165
2.0 – 4.0	LNA0204-10	9	12	1.2	4.5	10	2.0:1	6	50
2.0 – 4.0	LNA0204-30	28	30	2	1.7	13	2.0:1	6	120
4.0 – 6.0	LNA0406-18	15	20	2	4.0	13	2.0:1	6	100
4.0 – 7.7	LNA0407-35	34	37	2.5	2.4	16	2.0:1	6	140
6.0 – 12.0	LNA0612-20	18	24	1.8	4.0	11	2.0:1	6	170
7.7 – 12.0	LNA0812-34	32	36	1.5	2.5	14	2.0:1	6	150
12.0 – 18.0	LNA121835	33	36	2	3.5	10	2.0:1	6	175

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