



RFP-1 OVERVIEW

Radio Frequency Pre-amplifier

Finding a gain-bounded wideband preamplifier to meet your demanding RF applications is no easy task. Developing one is even harder!

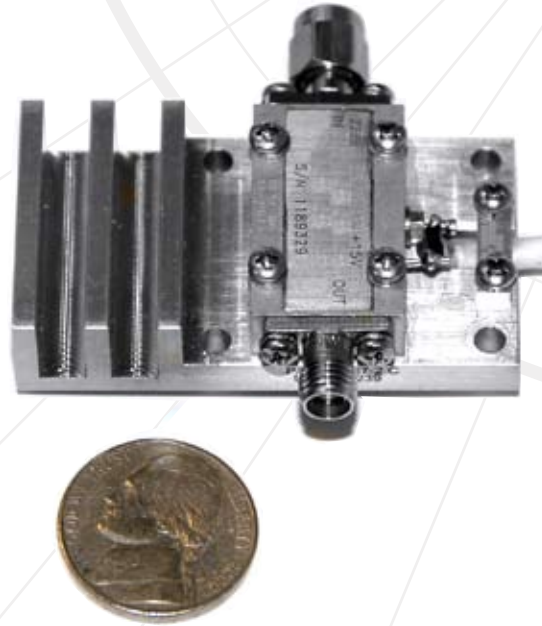
After months of development and testing we are pleased to announce an amplifier that is truly worthy of consideration.

Boasting ultra wideband performance, the new RFP-1 amplifier blends performance with value.

The development effort was able to achieve both a good power match and an optimum noise match without isolators.

This gives us a great advantage over our competition by providing the lowest noise figures available. We are also able to meet custom design requirements, including:

- ▷ Gain control
- ▷ Input limiter protection
- ▷ Sloping amplifiers
- ▷ Limiting amplifiers
- ▷ Various bias options



Specifications

Frequency Range	2 MHz - 21.0 GHz
Gain	+18 to +23 dB
Gain Flatness	1.5 dB, max
Noise Figure	
200 MHz to 18.0 GHz:	3.5 dB, max
100 MHz to 200 MHz:	4.5 dB
Below .1 GHz	up to 9 dB
VSWR, I/O	2.25:1, max/2.50:1
Max Input without Damage	+20.0 dBm CW
RF Type	SMA, female
Input Voltage	15 VDC
Size	1.83 L x .64" W x .31"

“Gain Bounded, 2 MHz to 21 GHz with unparalleled performance! Perfect!”

