



RFP-1M OVERVIEW

Radio Frequency Preamplifier

Big on Performance, Small on Size

Finding a gain-bounded wideband preamplifier to meet your demanding RF applications is no easy task — designing and developing one is even harder!

We poured months of development into our RFP-1M preamplifier until we were confident it would be worthy of consideration for use in demanding scenarios.

Boasting ultra-wideband performance, this easily integrated, small-footprint unit is an ideal blend of quality and value. Our development efforts resulted in both a good power match and an optimum noise match without isolators.

These unique factors give us a great advantage over our competitors by allowing us to provide the lowest noise figures available.

Custom Fit

To better serve your needs, we are able to meet custom design requirements, including:

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



RFP-1 Mobile Specifications

Frequency range	2 MHz–21 GHz	
Gain	+18 to +23 dB	
Gain flatness	1.5 dB max	
Noise figure	◇ 200 MHz–21 GHz	1.7 dB max
	◇ 100–200 MHz	4.5 dB
	◇ Below 100 MHz	up to 9 dB
VSWR, I/O	2.25:1 max, 2.50:1 max	
Damage level	+20 dBm CW	
Input connector	Type-N female	
Output connector	Type-N male	
Input voltage	14–16 V dc, 250 mA	
Size	2.9 × 2.5 × 1.8 in	

*Gain-bounded RF amplification
made with unparalleled performance and reliability*



CONTACT US TODAY

To schedule a demonstration, or for more information, including pricing and availability on this or any of our products, [call](#), [e-mail](#) or visit us [online](#).



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