



RFP-1 MOBILE PREAMPLIFIER OVERVIEW

Broadband Portable RF Amplification

The RFP-1 Mobile RF Pre-amplifier is a high performance, ultra-wideband, gain-bounded pre-amplifier that eliminates the need for special probe power cables because the unit is completely battery operated. Need to have a truly mobile amplifier at the head end of the tuner or spectrum analyzer?

Does your spectrum analyzer's internal pre-amplifier stop at the end of the 1st band leaving you blind in the critical microwave frequencies? We have heard the call and have developed the right solution. Finding a high quality, gain-bounded, wideband pre-amplifier to meet your demanding RF applications is no easy task and our new 2 MHz to 21 GHz, +18 to +23 dB amplifier does the job like no other. Finding LPD/LPI signals means taking the detection capability to the source of the transmission.

That's where the new RFP-Mobile comes in. Our rechargeable lithium-ion battery operated unit ensures you stay truly mobile at all times. Our universal design and flexible internal configuration ensures the unit will work with virtually any amplifier model/manufacture to meet your custom design requirements. Go mobile and cable free!

"Mobile RF amplification made with unparalleled performance and reliability"



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Specifications

Frequency Range:	2 MHz - 21 GHz
Gain:	+18 to +23 dB
Gain Flatness	1.5 dB, typical
Noise Figure	
200 MHz to 21.0 GHz	5 dB, max, 1.7 dB Typical
100 MHz to 200 MHz	4.5 dB Max
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
Input RF Type	Type N Female
Output RF Type	Type N Male
Input Voltage	14-16 VDC, 250 mA
Size	2.9" H x 2.5" W x .1.8"
Option Frequencies	Optional Gain:
2 MHz to 18 GHz	10 to 40 dB
2 MHz to 21 GHz	