



PAB-2

Medium Power Linear Gain Block Amplifier

PAB-2 is a high-performance broadband gain block amplifier operating from 10MHz to 2.7GHz without the need for external matching components. It delivers +30dBm output power with 15dB typical gain (10MHz–1GHz), excellent return loss (>15dB), and high linearity, featuring a typical IP3 of +46.1dBm and P1dB of +30.4dBm at 1GHz. Ideal for broadband laboratory and research applications, requiring clean, reliable power levels across a wide frequency range.

Operation Class	class - A
Harmonics 2f /3f (@ 60MHz)	-60dBc / -74dBc
Third Order Intercept TOI / IP3	+46dBm
Power Consumption	4.2W
Operating DC Voltage	+12Vdc
Operating DC Current	0.35Adc

- ✓ lab applications
- ✓ test instruments
- ✓ RF front ends
- ✓ LNA applications



10MHz - 2.7GHz



+30dBm typ.



15dB typ.



> 15dB typ.



3...3,5dB typ.

It can be customized(no external heatsink option, +15Vdc operation, improved gain on certain freq. domain etc.) to your needs.

Contact Us and we will help You!

