WV Communications

Power Amplifier Modules

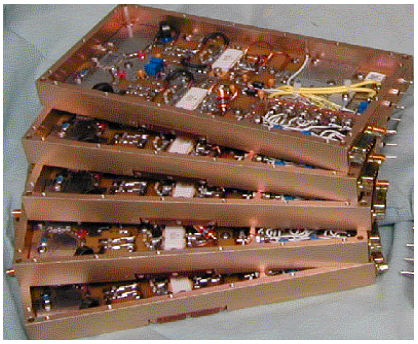
DESCRIPTION

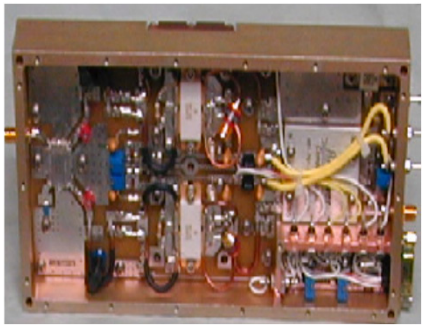
WV Communications has designed, developed and manufactures a full suite of Solid State Power Amplifier Modules, that are part of our standard COTS building blocks for all our Flight Termination Systems HPA's and Solid State Power Amplifiers. Our power amplifier modules are in use and operational in both commercial, Industrial and Military, at Test Ranges, Satellite Ground Stations, on high dynamic Mobile and Fixed Antenna Systems, on ships and on various aircraft around the World, performing 24/7 in some of the harshest environmental conditions found. The power amplifier modules incorporate the latest engineering designs using LDMOS and GAN devices technologies providing higher Gain, Linearity, with ultra-high efficiencies with some configurations exceeding 50%, while providing exceptional overall reliability and performance. That design heritage and experience, along with WV Communications commitment to quality and customer support, makes WV Communications the answer for all your Solid State Power Amplifier Module requirements.

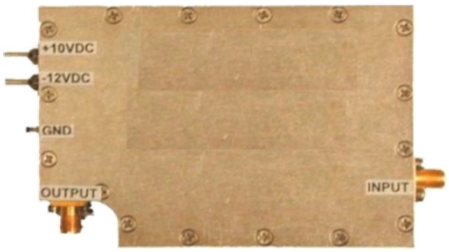
WV Communications offers a diversified and comprehensive power amplifier product line that includes power amplifiers operating in Class "A", "AB", "C" and Pulse configurations with power levels from 1 watt to 300 watts, operating from VHF to Ku-Band, and are designed for indoor or outdoor operation where rigorous environmental conditions persist.

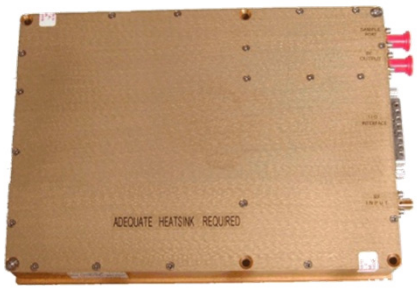
PRODUCTS

Frequency	RF Output Power
60-90 MHz	1 to 150W
100-160 MHz	1 to 250W
225-400 MHz	1 to 250W
100-400 MHz	1 to 250W
400-550 MHz	1 to 300W
1030-1090 MHz	1 to 4000W
1750 - 2120 MHz	1 to 8000W
2025 - 2120 MHz	1 to 8000W
2200 - 2400 MHz	1 to 500W
5850 - 6450 MHz	1 to 150W
13.75 -14.50 GHz	1 to 20W
14.00 -14.50 GHz	1 to 20W
14.00 -14.85 GHz	1 to 15W









WV Communications can provide additional product solutions that will satisfy your unique, or custom system requirements, along with meeting or exceeding all of your technical specifications. Contact our engineering team for additional information for all your engineering and technical support requirements.

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