

Pulse Instrumentation Amplifiers For EMC/Test and Measurement

L-Band
S-Band
C-Band
X-Band
Ku-Band

- Solid State Power Amplifiers • Integrated Microwave Assemblies • Receiver Protectors
- Control Components • Transmitters • Amplifiers • Modulators • Magnetrons
- Crossed Field Amplifiers • Ring Loop Traveling Wave Tubes • Power Couplers



Pulsed Instrumentation Amplifiers *Compact and ultra-wide band*

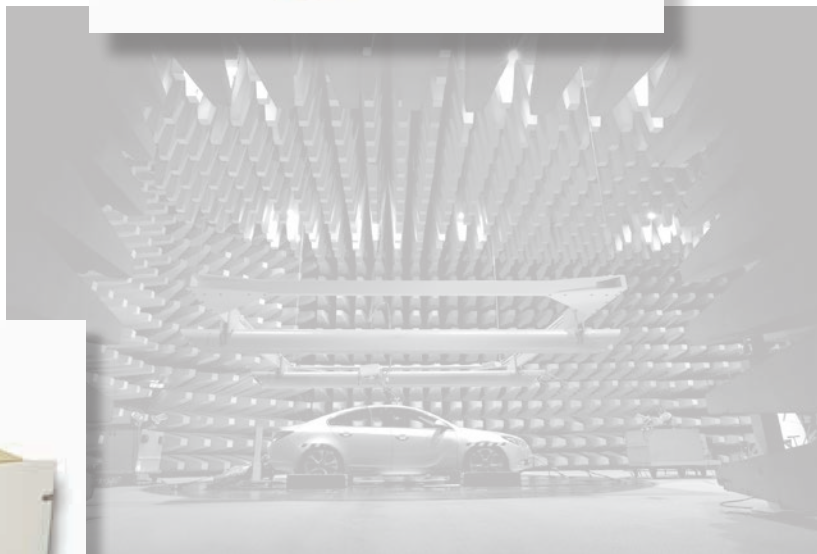
TWT

Compact Pulsed Amplifiers

- Rack mountable
- On screen diagnosis
- Local or remote control
- Soft fail

Multiple frequencies available, automatic fault recycle, userfriendly microprocessor-controlled logic with integrated computer interface, digital metering, electronic variable attenuation, soft fail when subjected to extreme load SWR conditions, and quiet operation suitable for laboratory environments.

An integral solid state preamplifier and IEEE interface are included as standard features.



Pulsed Instrumentation Amplifiers *Available in rack mount and turnkey configurations*

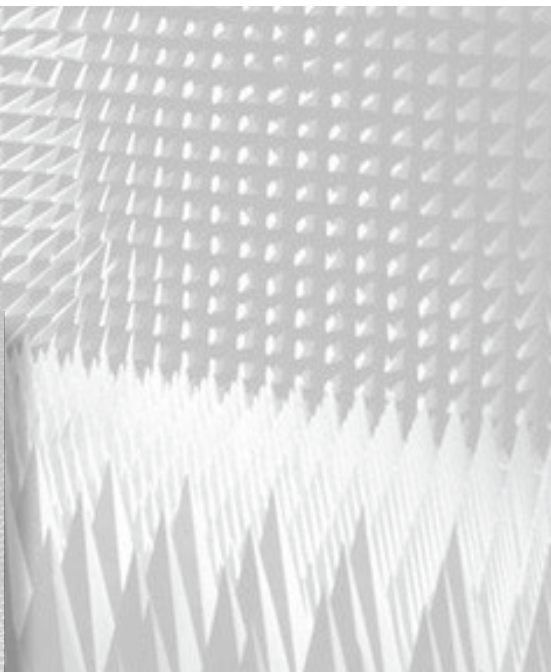
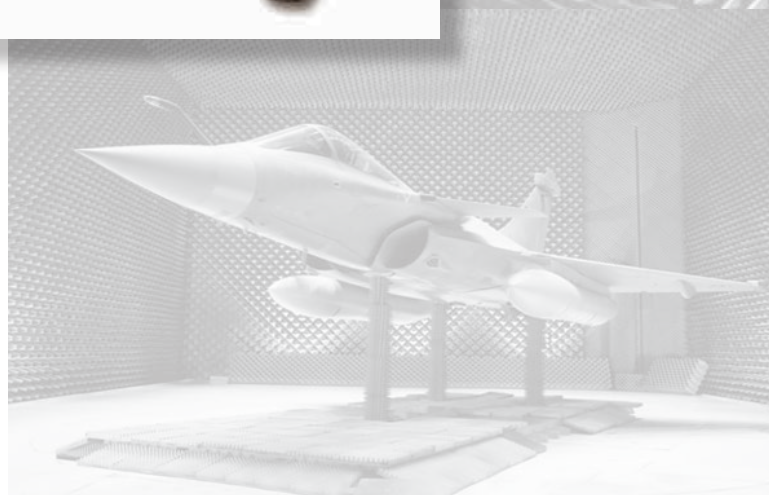


TWT Combined Pulsed Amplifiers

- Mobile
- GPIB remote
- Touchscreen
- Waveguide output
- Compact high pulsed power
- Single phase AC power
- Local or remote control
- Wide RF bandwidth

Modular assembly allows for either lower powered multiple test applications or a single amplifier phase combined system of two amplifiers achieving 8.0 kW peak-pulsed output power.

Wide band, automatic fault recycle, user-friendly microprocessor-controlled logic with integrated computer interface, digital metering, and quiet operation suitable for laboratory environments. An integral solid state preamplifier and IEEE interface are included as standard features.



Pulse Instrumentation Amplifiers: Frequency and power levels to support your testing requirements.

Typical Operating Parameters			
Band	Frequency (GHz)	Output Power (W)	Pulsed/CW
L-Band TWT Pulsed Amplifier	1.0 – 2.5	2000	Pulsed
L-Band TWT Pulsed Amplifier	1.0 – 2.0	4000	Pulsed
L-Band TWT Combined Pulsed Amplifier	1.0 – 2.0	7500	Pulsed
S-Band TWT Pulsed Amplifier	2.0 – 4.0	4250	Pulsed
S-Band TWT Combined Pulsed Amplifier	2.0 – 4.0	8000	Pulsed
C-Band TWT Pulsed Amplifier	4.0 – 8.0	4250	Pulsed
C-Band TWT Combined Pulsed Amplifier	4.0 – 8.0	8000	Pulsed
X-Band TWT Pulsed Amplifier	8.0 – 12.0	5000	Pulsed
X-Band TWT Combined Pulsed Amplifier	8.0 – 12.0	8000	Pulsed
Ku-Band TWT Pulsed Amplifier	12.0 – 18.0	3250	Pulsed
Ku-Band TWT Combined Pulsed Amplifier	12.0 – 18.0	6000	Pulsed

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The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

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CPI Beverly Microwave Division, +1 (978) 922-6000 • FAX: +1 (978) 922-8914 • bmdmarketing@cpii.com