Pulsed Instrumentation Amplifiers

Communications & Power Industries Pulsed Instrumentation Amplifiers:
Frequency and power levels to support your testing requirements

<table>
<thead>
<tr>
<th>Band</th>
<th>Frequency (GHz)</th>
<th>Output Power (W)</th>
<th>Pulsed/CW</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-Band Solid State Pulsed Amplifier</td>
<td>1.2 – 2.4</td>
<td>4000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>L-Band Solid State Pulsed Amplifier</td>
<td>1.2 – 2.4</td>
<td>8000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>L-Band TWT Pulsed Amplifier</td>
<td>1.0 – 2.5</td>
<td>2000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>L-Band TWT Pulsed Amplifier</td>
<td>1.0 – 2.0</td>
<td>4000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>L-Band TWT Combined Pulsed Amplifier</td>
<td>1.0 – 2.0</td>
<td>7500</td>
<td>Pulsed</td>
</tr>
<tr>
<td>S-Band TWT Pulsed Amplifier</td>
<td>2.0 – 4.0</td>
<td>4250</td>
<td>Pulsed</td>
</tr>
<tr>
<td>S-Band TWT Combined Pulsed Amplifier</td>
<td>2.0 – 4.0</td>
<td>8000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>C-Band TWT Pulsed Amplifier</td>
<td>4.0 – 8.0</td>
<td>4250</td>
<td>Pulsed</td>
</tr>
<tr>
<td>C-Band TWT Combined Pulsed Amplifier</td>
<td>4.0 – 8.0</td>
<td>8000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>X-Band TWT Pulsed Amplifier</td>
<td>8.0 – 12.0</td>
<td>5000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>X-Band TWT Combined Pulsed Amplifier</td>
<td>8.0 – 12.0</td>
<td>8000</td>
<td>Pulsed</td>
</tr>
<tr>
<td>Ku-Band TWT Pulsed Amplifier</td>
<td>12.0 – 18.0</td>
<td>3250</td>
<td>Pulsed</td>
</tr>
<tr>
<td>Ku–Band TWT Combined Pulsed Amplifier</td>
<td>12.0 – 18.0</td>
<td>6000</td>
<td>Pulsed</td>
</tr>
</tbody>
</table>

Communications & Power Industries PIAs customized for your application.
With a history of producing high power, high quality products, we can help you with your SSPA questions.
Contact us at BMDMarketing@cpii.com or call us at +1 978-922-6000
Pulsed Instrumentation Amplifiers

Communications & Power Industries Pulsed Instrumentation Amplifiers: Accuracy that is needed and required

Compact and ultra-wide band

Available in rack mount and turnkey configurations

TWT Compact Pulsed Amplifiers
- Rack mountable
- On screen diagnosis
- Local or remote control
- Soft fail

Multiple frequencies available, automatic fault recycle, user-friendly 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.

TWT Combined Pulsed Amplifiers
- Mobile
- GPIB remote
- Touchscreen
- Waveguide output

Modular assembly allows for either lower powered multiple test applications or a single amplifier phase combined system of two VSL3680 4 kW SSPA amplifiers achieving 8.0 kW peak-pulsed output power.

Solid State Combined Pulsed Amplifiers
- Modular assembly
- Single phase AC power
- Local or remote control
- Wide RF bandwidth

Versatile Modular assembly allows for either lower powered multiple test applications or a single amplifier phase combined system of two VSL3680 4 kW SSPA amplifiers achieving 8.0 kW peak-pulsed output power.

TWT Compact Pulsed Amplifiers
- Rack mountable
- On screen diagnosis
- Local or remote control
- Soft fail

Multiple frequencies available, 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.