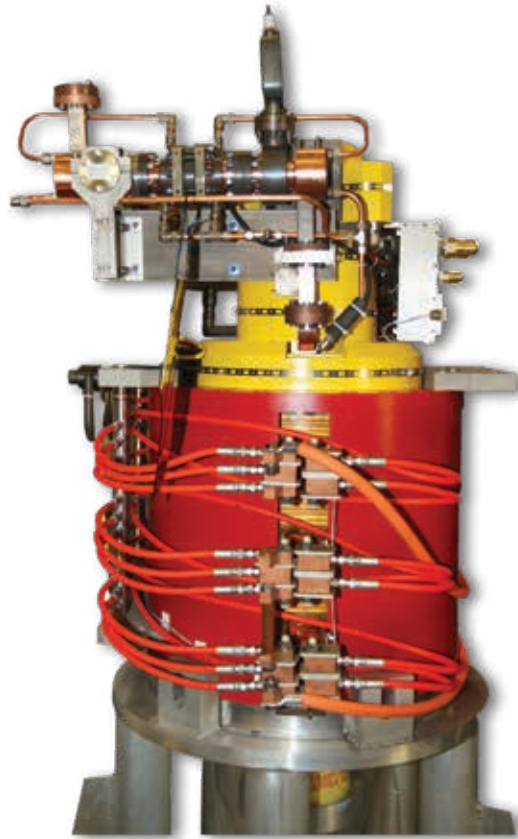


## Communications & Power Industries Klystron



Pulsed klystron operating at 11.994 GHz, 50 MW peak, 5 kW average power. Electromagnet focused, liquid cooled. Waveguide output WR-90, vacuum flange.

### Typical Operating Parameters

|                |            |
|----------------|------------|
| Frequency      | 11.994 GHz |
| Beam voltage   | 410 kV     |
| Beam current   | 310 A      |
| Peak power     | 50 MW      |
| Average power  | 5 kW       |
| Saturated gain | 48 dB      |
| Efficiency     | 40%        |
| Duty           | 0.009%     |

#### FEATURES:

- Integral focus electromagnet
- X-ray shielding included
- Oil insulated gun
- Installation support available

#### BENEFITS:

- High reliability & efficiency
- Proven long life designs
- Customizable models for your application

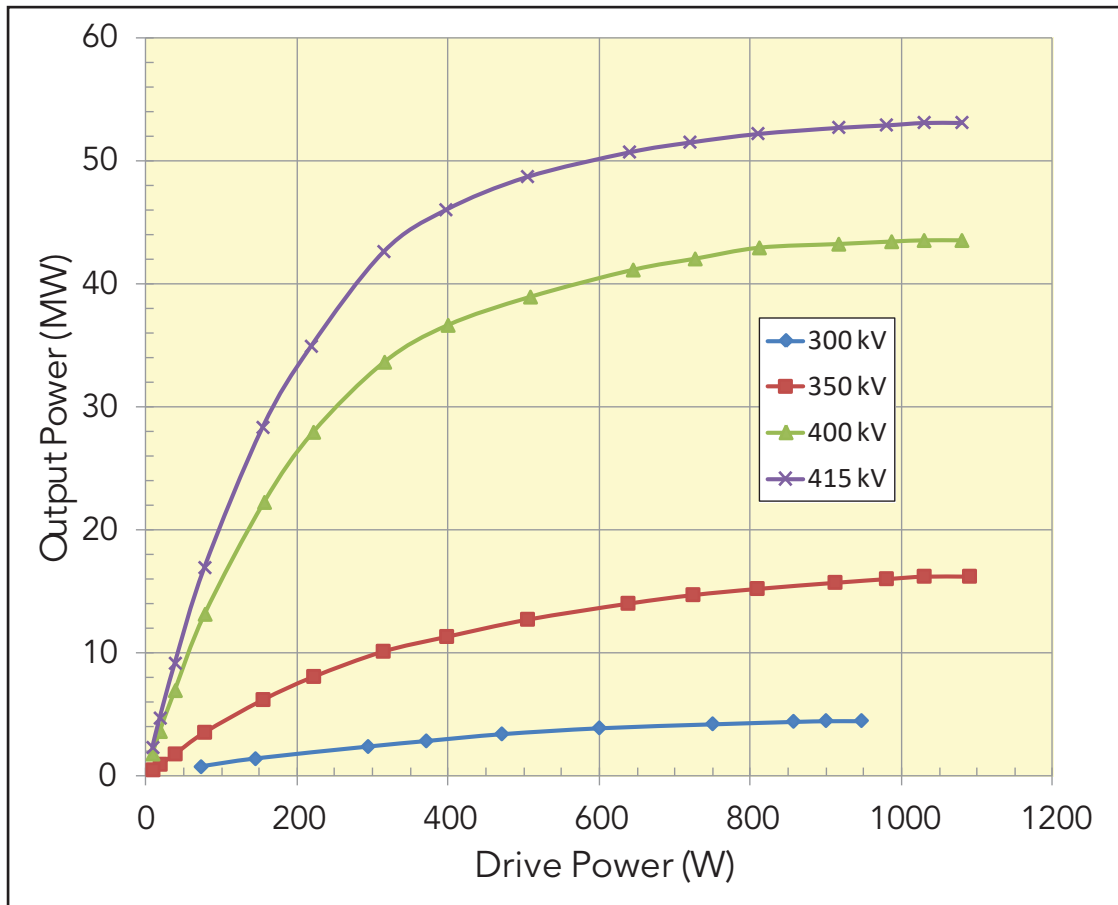
#### APPLICATIONS:

- Particle accelerator



# CPI 5 kW X-Band Pulsed Klystron: VKX-8311A

## VKX-8311A Power Output vs. Drive Power



With a history of producing high quality products, we can help you with your klystron.

Contact us at [MPPMarketing@cpii.com](mailto:MPPMarketing@cpii.com) or call us at +1 650-846-2800. 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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For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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