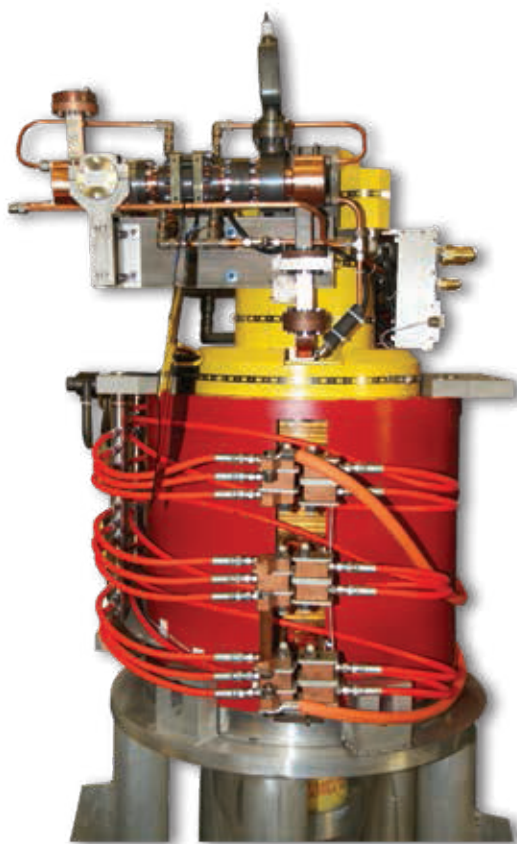


Communications & Power Industries Klystron



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:

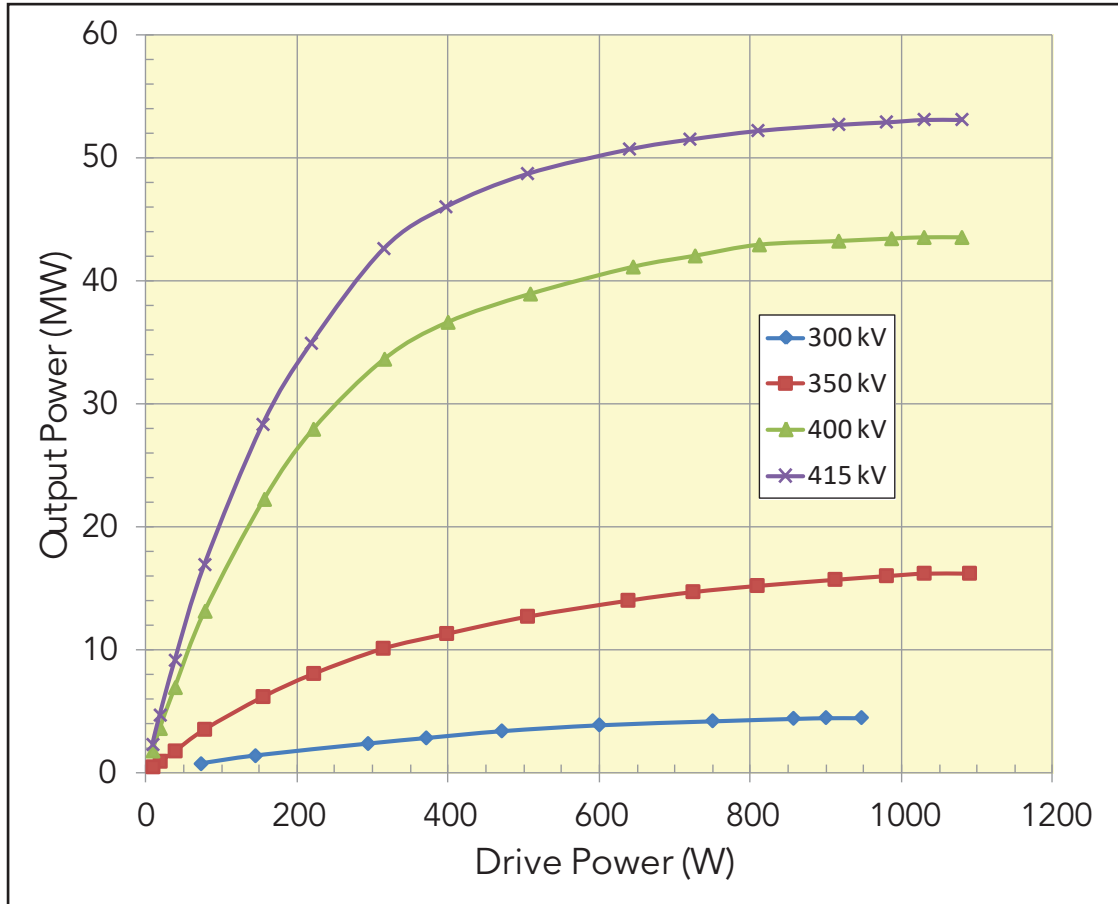
- High reliability & efficiency
- Proven long life designs
- Customizable models for your application

APPLICATIONS:

- Particle accelerator

CPI 50 MW 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 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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