

## Communications & Power Industries Coaxial Magnetron



The SFD313A is a coaxial magnetron delivering high peak and average RF power for use in various radar transmitters.

In addition to high power, the SFD313A provides excellent frequency stability, low jitter and long life.

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

Contact us at [BMDMarketing@cpil.com](mailto:BMDMarketing@cpil.com) or call us at +1 978-922-6000.

### FEATURES:

- Frequency 5.45 – 5.85 GHz
- Peak power output 1 MW min.
- .25  $\mu$ sec PW @ .0004 duty
- 2.0  $\mu$ sec PW @ .001 duty
- Anode voltage 36 kV
- Anode current 60 amps
- Heater 5 volts @ 19 amps
- Air cooled
- Mechanically tunable

### BENEFITS:

- >40,000 hours life
- Exceptional frequency stability

### APPLICATIONS:

- Ground-based tracking radars