



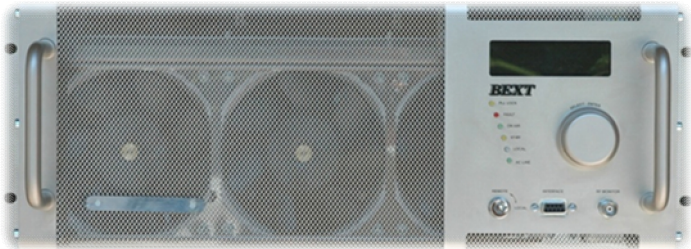
RF Innovations since 1985

High Power for Scientific, Industrial & Custom Applications

*Bext Corporation is a California-based RF equipment supplier of custom RF units for industrial, scientific & custom applications, at any power level up to **several hundred kilowatts**, frequencies from few **megahertz** to **gigahertz**, fixed frequency or broadband over an **extremely wide bandwidth**, for **pulse** or **CW**, custom type waveforms and any other customer required specifications & up to 100% reflected power.*



- High Power Solid State, Liquid Cooled and Air Cooled RF Amplifiers for Scientific Applications;
- High Power Solid State, Liquid Cooled and Air Cooled RF Amplifiers for Cyclotron Applications;
- Custom Solid State, RF Transmitters for Military and other special Government Applications;
- Custom Ultra Broadband multi-port RF Combiners and RF Accessories for Special Applications;
- Custom Solid State RF for Industrial Applications



Typical Applications

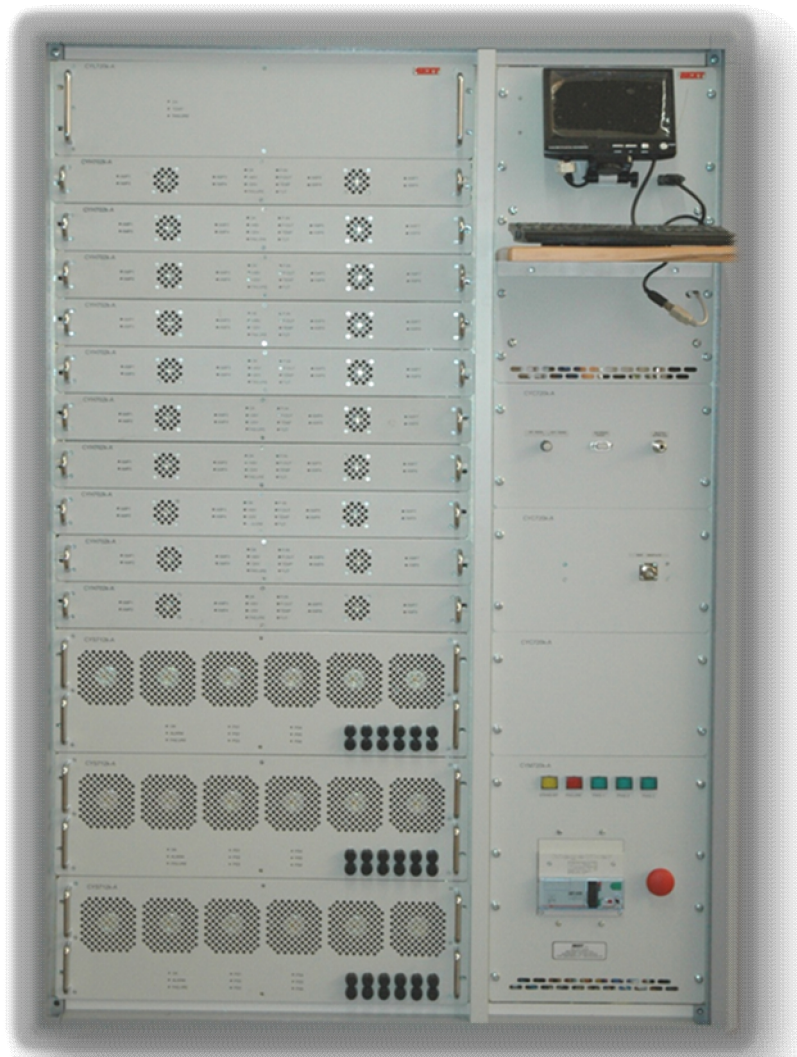
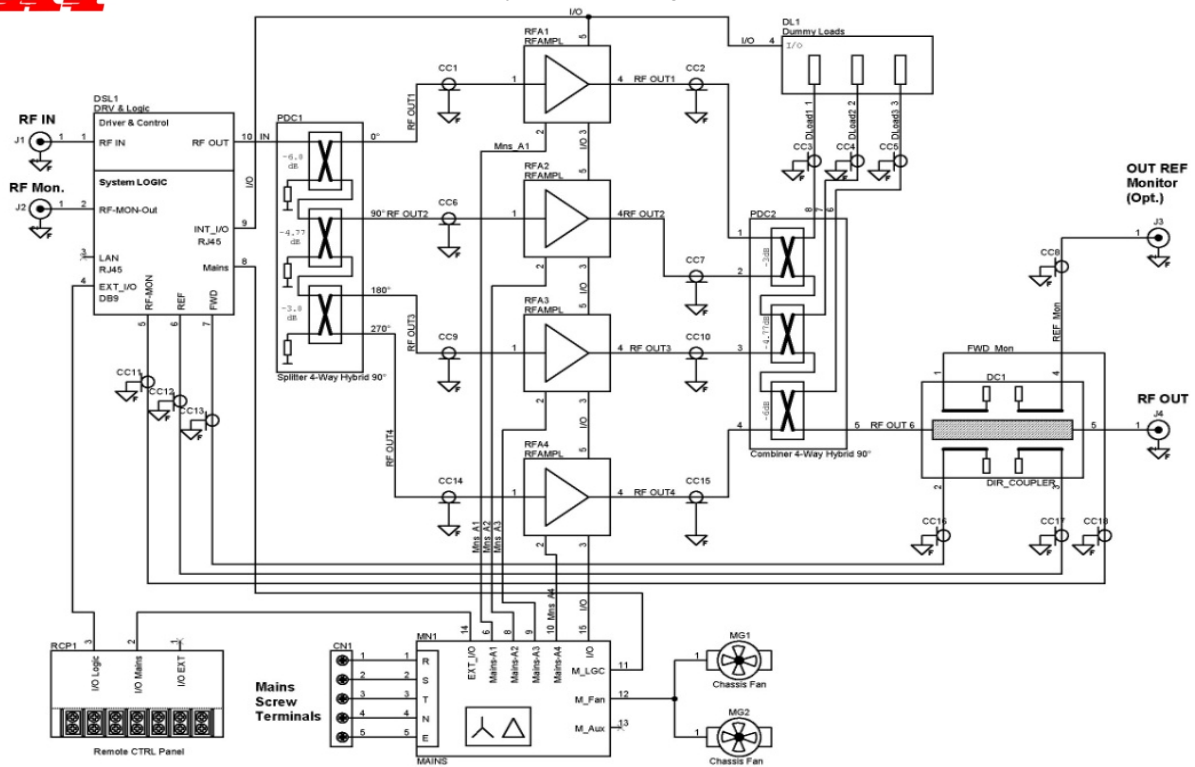
- Particle Accelerator Systems and Plasma Systems;
- Magnetic resonance systems and RF therapy;
- Commercial and Government applications;
- Medical Applications and Scientific Research;
- Superconducting Cyclotron Laboratories;
- Synchrotron Laboratories and special projects;
- Industrial RF and custom applications.



We are experts in RF Power into a short, open or totally mismatched load @ any angle of phase



Typical block diagram



Power Levels Available

**5kW; 10 kW; 15kW; 20kW; 25kW; 30kW;
35kW; 40kW; 50kW; 60 kW; 100kW;
150kW; 200 kW; 250kW; 300kW; 500kW**
for CW Operation or Pulse Operation.
Other power levels available on request

Features

- All internal readings on front panel
- Analog / Digital Remote Control
- Web connectivity and TCP/IP + SNMP
- CAN bus connectivity
- Modular system for redundancy
- Easy swapping of modules
- New super rugged Power RF Mosfets
- Limited heat generation
- Very stable phase and amplitude
- Any frequency available on request
- Will operate @ 100% reflected power
- CW Operation or Pulse Operation
- Conservatively rated components
- Very high electrical efficiency
- Multiple AC power configurations
- Three phase or single phase