

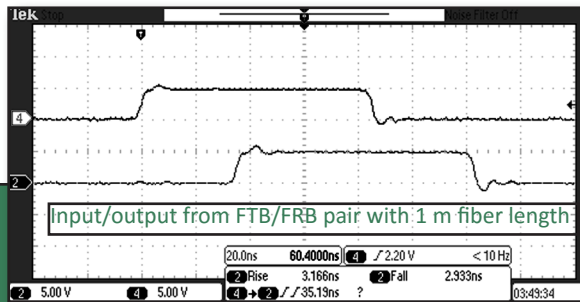
Fiber Optic Control



EHT Fiber Optic Isolators provide fiber optic high voltage isolation to TTL-type control signals for robust noise immunity. Multichannel fiber receivers include relays for actuating interlocks.

- Fast rise and fall time
- Frequency up to 50 MHz
- Sub-nanosecond jitter
- Drives 50 Ω
- Easy to use plastic fiber - no polishing

The EHT Interlock Controller enables fiber optic status monitoring and includes a pulse blocking feature in the event of a fault.



EAGLE HARBOR TECHNOLOGIES

Nanosecond Pulsers
Custom Pulsed Power
Integrators
Fiber Optic Control

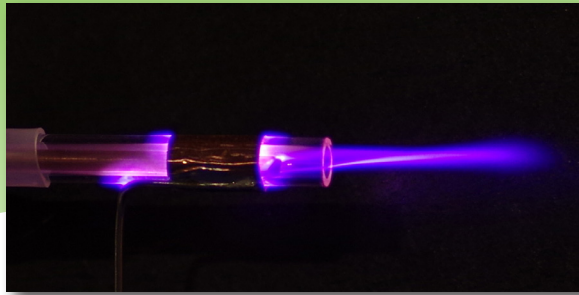


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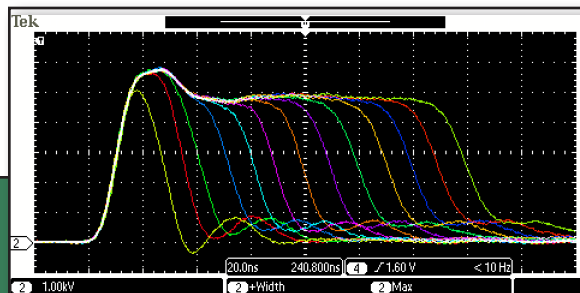
Nanosecond Pulsers



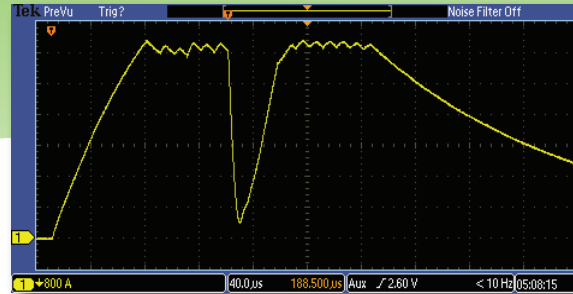
EHT Nanosecond Pulsers offer unprecedented pulse control in a user friendly package.

- Turnkey solution
- Independently user adjustable
 - High voltage output
 - Pulse repetition frequency
 - Pulse width
- Fast rise time
- Low and high power options

These pulsers are designed to drive nonlinear transmission lines, dielectric barrier discharges, pseudosparks, and resistive loads for medical, aerospace, combustion, material science, and defense applications.



Custom Pulsed Power



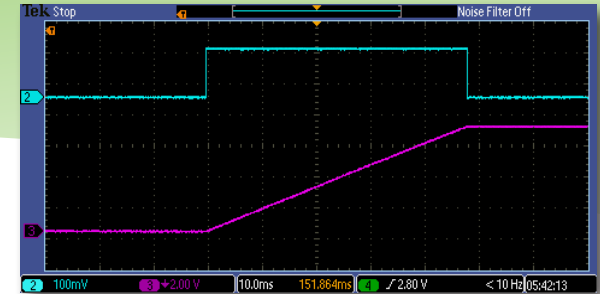
EHT has developed **Custom Pulsed Power** supplies for a wide range of customers for fusion science, semiconductor processing, aerospace, materials processing, and biomedical applications. EHT specializes in the following:

- Solid-state switching
- High speed (MHz) switching
- Pre-Pulse Technology
- Resonant and bridge topologies
- SPICE modeling
- Megawatt class power systems

EHT works with customers to develop a solution that meets their unique system requirements.



Integrators



EHT Integrators provide an off-the-shelf solution for measuring magnetic fields from an inductive pickup coil for the fusion science and plasma physics community.

- Very high gain
- High bandwidth
- Droop free
- High dynamic range
- Stable over hour long operation
- Meets ITER drift and runtime specs
- Easy to use

EHT has integrators for short pulse, high dynamic range, and long pulse applications.

