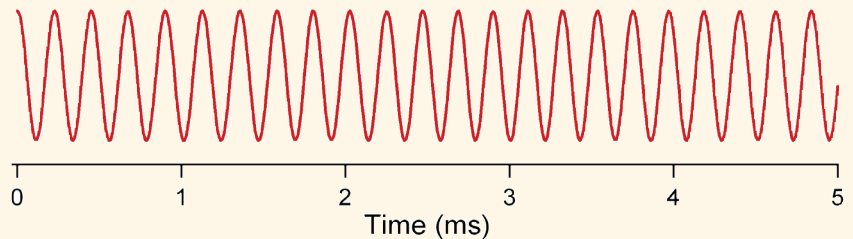




## Peregrine High Speed Optical Delay Line

### SPECIFICATIONS

- 1 cm range, 3.5 cm now available
- Analog and digital control
- Two 16-bit A/D's included
- Digital triggering
- High Speed (1 khz response)
- 150 nm precision
- 200 nm short term repeatability
- 50 ppm long term repeatability
- No backlash
- Interferometrically stable
- Optics included
- USB control
- Up to 30 mm beam spacing  
(15 mm nominal)
- 15 mm aperture



### **INTERFEROMETRIC STABILITY**

### USES

- Build a fully computer controlled autocorrelator for less than \$10,000
- Ideal for pump-probe
- 1 fs resolution
- Interferometry

***Includes Stand-Alone Program, LabVIEW VIs and DLLs***

**Acquire**

**Analyze**

**Improve Performance**