

ULTRAWIDE WR CUT DAZZLER™

PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

- **Ultra-compact device**
- **In-line geometry**
- **Simple optical alignment**
- Wavelength tuning range* 580 nm to 820 nm
- Instantaneous bandwidth up to 240nm max
- Spectral resolution
 - @ 650 nm 0,3 nm
 - @ 800 nm 0,4 nm
- Maximum programmable delay
 - > 5 psec at 800 nm
 - > 6 psec at 650 nm
- Efficiency > 40% over a 50nm bandwidth
- Maximum input energy in μ Joules at maximum beam diameter 30
- Maximum beam diameter in mm 2.5
- Dimension of crystal module 50 x 100 x 20 mm³
- Typical acoustic waveform refreshing time
 - ✓ Option T1: USB 1.5 sec
 - ✓ Option T2: GPIB < 40 msec

*:Wavelengths outside this range are poorly or not diffracted