



**DAZZLER™**  
**UWB-650-1100/T1**  
**UWB-650-1100/T2**  
**Specifications**

**ULTRA WIDE BAND 650nm-1100nm WAVELENGTH**  
**DAZZLER™**  
**PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR**  
**FEMTOSECOND LASER PULSE SHAPING**

- **Ultra-compact device**
- **In-line geometry**
- **Simple optical alignment**

▶ Instantaneous 3dB bandwidth		From 650nm up to 1.1 Micron
▶ Spectral resolution @ 800 nm		0,6 nm
▶ Number of programming points on 450 nm bandwidth		750
▶ Intensity control dynamic range		> 45 dB
▶ Maximum programmable delay		> 3 psec
▶ Efficiency		
▶ on 100 nm bandwidth		> 50%
▶ on 300 nm bandwidth	at center wavelength	> 25%
▶ on 450 nm bandwidth	at center wavelength	>10% (goal 15%)
▶ Optical power limit		100 MW/cm <sup>2</sup>
▶ Dimension of crystal module		50 x 90 x 20 mm <sup>3</sup>
▶ Typical acoustic waveform refreshing time		
• Option T1: USB		1.5 sec
• Option T2: GPIB		< 40 msec

Product specifications are subject to change at any time without prior notice  
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