



# DAZZLER™ WB-800/T1 DAZZLER™ WB-800/T2 Specifications

## WIDE BAND 800nm WAVELENGTH DAZZLER™ PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

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

▶ Wavelength tuning range	700 nm - 900 nm*
▶ Instantaneous bandwidth	from 0,6 nm up to 200 nm maximum
▶ Spectral resolution @ 800 nm	0,6 nm
▶ Number of programming points on 200 nm bandwidth	330
▶ Intensity control dynamic range	> 55 dB
▶ Maximum programmable delay	> 3 psec
▶ Efficiency (100 nm bandwidth)	> 50%
▶ 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 transfer time	
• Option T1: USB	800 msec
• Option T2: GPIB	< 20 msec

Product specifications are subject to change at any time without prior notice  
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\*: These values correspond to the 3dB limits of the wavelength tuning range.

Some operation example are as follow:

- Center wavelength of 720 nm with an instantaneous bandwidth from 700 to 740nm
- Center wavelength of 750 nm with an instantaneous bandwidth from 700 to 800nm
- Center wavelength of 800 nm with an instantaneous bandwidth from 700 to 900nm
- Center wavelength of 860 nm with an instantaneous bandwidth from 820 to 900nm

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