



DAZZLER T-WR-530-900/T1 DAZZLER T-WR-530-900/T2 Specifications

VISIBLE RANGE TUNABLE DAZZLER FOR OPERATION EITHER ON THE SIGNAL OUTPUT OF NOPAs OR WITHIN A Ti:Sa CPA LASER SYSTEM

PROGRAMMABLE AMPLITUDE AND PHASE FILTER

- **Ultra-compact device**
- **Fully computer controled**
- **In-line geometry**
- **Simple optical alignment**

Product specifications are subject to change at any time without prior notice
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Specifications		
All values assume an input spectrum capable to produce at least the quoted typical output pulse duration		
Typical values are obtained simultaneously over the wole tuning range		
Central Wavelenth tuning range in nm	530-900	
Maximum instantaneous spectral width	10% of central wavelength	
Minimum number of programming points	250	
Maximum input energy in microJoules*	20	
Maximum beam diameter in mm	2.5	
Diffraction efficiency in %	> 40	
Pulse shaping capability in psec (see §)	>1 @ 530nm	>3 @ 900nm
Minimum output pulse duration in fsec (NOPA application)	30 fsec @ 500nm	30 fsec @ 900nm
Acoustic waveform refreshing time	T1 option: 1.5 sec	T2 option: 40 msec

*: at maximum beam diameter

§: Pulse shaping capability of up to 8 psec at 530nm and up to 5 psec at 900nm
is achievable under specific conditions

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