



DAZZLER T-WR-480-700/T1 DAZZLER T-WR-480-700/T2 Specifications

VISIBLE RANGE TUNABLE DAZZLER FOR OPERATION ON THE SIGNAL OUTPUT OF NOPAs

PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR NON COLLINEAR OPTICAL PARAMETRIC AMPLIFIER PULSE SHAPING

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

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

Specifications associated to the signal, using the T-WR-480-700 crystal module		
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	480-700	
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 @ 500nm	>3 @ 700nm
Minimum output pulse duration in fsec	30 fsec @ 500nm	30 fsec @ 700nm
Acoustic waveform refreshing time	T1 option: 1.5 sec	T2 option: 40msec

*: at maximum beam diameter

§: Pulse shaping capability of up to 9psec at 480nm and up to 6 psec at 700nm is achievable under specific conditions

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January 7 ,2005
Dazzler T-WR-480-700 Rev3