



DAZZLER™ UV-250-400 Specifications

UV DAZZLER™

PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

- **Ultra-compact device**
- **50mm crystal length**
- **In-line geometry**
- **Simple optical alignment**

▸ Wavelength operating range	250 nm to 400 nm
▸ Instantaneous bandwidth	up to 150 nm
▸ Spectral resolution	
▸ @ 250 nm	0,1 nm
▸ @ 400 nm	0,2 nm
▸ Maximum programmable delay	> 3.5 psec at 250 nm > 2.5 psec at 400 nm
▸ Efficiency at every wavelength*	> 20%

**the efficiency is defined for a 30fsec input pulse duration*

▸ Optical power limit	0.4 GW/cm ²
▸ Maximum beam diameter in mm	3.5
▸ Typical acoustic waveform refreshing time	
▸ Option T1	< 2sec
▸ Option T3	<500ms

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