



DAZZLER™ HR-1053/T1
DAZZLER™ HR-1053/T2
Specifications

1053nm WAVELENGTH DAZZLER™

PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

- **25mm interaction(crystal) length**
- **Ultra-compact device**
- **In-line geometry**
- **Simple optical alignment**

▶ Central wavelength	1053 nm
▶ Instantaneous bandwidth	20% (950-1150 nm)
▶ Spectral resolution @ 1053 nm	0,6 nm
▶ Number of programming points on 40 nm bandwidth	66
▶ Intensity control dynamic range	> 55 dB
▶ Maximum programmable delay	> 6 psec
▶ Efficiency	
▶ for a 40 nm bandwidth	> 50%
▶ for a 10 nm bandwidth	> 70%
▶ Optical power limit	100 MW/cm ²
▶ Dimension of crystal module	50 x 100 x 20 mm ³
▶ Typical acoustic waveform refreshing time	
• Option T1 : USB	1.5 sec
• Option T2 : GPIB	<40msec

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