



# DAZZLER™ HR-1300/T1 DAZZLER™ HR-1300/T2 Specifications

## HIGH RESOLUTION 1300nm WAVELENGTH DAZZLER™ PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

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

▸ Central wavelength	1300 nm
▸ Instantaneous bandwidth	200 nm (1200-1400 nm)
▸ Spectral resolution @ 1300 nm	0,8 nm
▸ Number of programming points on 200 nm bandwidth	250
▸ Intensity control dynamic range	> 55 dB
▸ Maximum programmable delay	> 5 psec
▸ Efficiency (60 nm bandwidth)	> 50%
▸ Optical power limit	100 MW/cm <sup>2</sup>
▸ Dimension of crystal module	50 x 100 x 20 mm <sup>3</sup>
▸ Typical acoustic waveform refreshing time	
• Option T1: USB	< 1.5 sec
• Option T2: GPIB	< 40 msec

© FASTLITE 2005. All rights reserved  
Product Specifications are subject to change at any time without prior notice

### FASTLITE

tel: +33 1 69 33 36 42  
<http://www.fastlite.com>

Fax: +33 1 69 33 30 98  
E-mail: [information@fastlite.com](mailto:information@fastlite.com)

January 7 ,2005  
HR-1300 Rev1