



DAZZLER™ HR-800/T1 DAZZLER™ HR-800/T2 Specifications

HIGH RESOLUTION 800nm WAVELENGTH DAZZLER™ PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

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

▶ Wavelength tuning range	720 nm to 920 nm*
▶ Instantaneous bandwidth	from 0,3nm up to 200 nm maximum
▶ Spectral resolution @ 800 nm	0,3 nm
▶ Number of programming points on 60 nm bandwidth	200
▶ Intensity control dynamic range	> 55 dB
▶ Maximum programmable delay	> 6 psec
▶ Efficiency	> 50% on a 50nm bandwidth
▶ 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	< 40 msec

Product Specifications are subject to change at any time without prior notice
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*: These values correspond to the 3dB limits of the wavelength tuning range.

Some operation examples are as follow:

- Center wavelength of 725nm with an instantaneous bandwidth from 720 to 730nm
- Center wavelength of 760nm with an instantaneous bandwidth from 720 to 800nm
- Center wavelength of 820nm with an instantaneous bandwidth from 720 to 920nm
- Center wavelength of 915nm with an instantaneous bandwidth from 910 to 920nm

FASTLITE

tel: +33 1 45 30 12 96
<http://www.fastlite.com>

Fax: +33 1 45 30 12 97
E-mail: information@fastlite.com

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