



DAZZLER™ WB-1150-1600 Specifications

WIDE BAND TUNABLE DAZZLER™ PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

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

▸ Wavelength tuning range	1150 nm to 1600 nm*
▸ Instantaneous bandwidth	up to 450 nm maximum*
▸ Spectral resolution	
▸ @ 1150 nm	1.2 nm
▸ @ 1300 nm	1.5 nm
▸ @ 1600 nm	2.2 nm
▸ Intensity control dynamic range	> 45 dB
▸ Maximum programmable delay	> 3 psec
▸ Efficiency	> 50% over a 100nm bandwidth
▸ Maximum input power	100 MW/cm ²
▸ Maximum beam diameter in mm	2.5
▸ Dimension of crystal module	50 x 90 x 20 mm ³
▸ Typical acoustic waveform refreshing time	
✓ Option T1: USB	800 msec
✓ Option T2: GPIB	< 20 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 1170nm with an instantaneous bandwidth from 1150 to 1190nm
- Center wavelength of 1200nm with an instantaneous bandwidth from 1150 to 1250nm
- Center wavelength of 1375nm with an instantaneous bandwidth from 1150 to 1600nm
- Center wavelength of 1580nm with an instantaneous bandwidth from 1560 to 1600nm

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