



DAZZLER™
U45-WB-800-1250/T1
U45-WB-800-1250/T2
Specifications

ULTRA WIDE BAND 800nm-1250nm WAVELENGTH
DAZZLER™
PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR
FEMTOSECOND LASER PULSE SHAPING

- **Ultra-compact device**
- **45mm interaction length**
- **In-line geometry**
- **Simple optical alignment**

▶ Instantaneous 3dB bandwidth	From 800nm up to 1.25 Micron
▶ Spectral resolution @ 1000 nm	0.6 nm
▶ Number of programming points on 450 nm bandwidth	818
▶ Intensity control dynamic range	> 45 dB
▶ Maximum programmable delay	> 5.5 psec
▶ Efficiency	
▶ on 100 nm bandwidth	> 70%
▶ on 450 nm bandwidth	at center wavelength >20% (goal 30%)
▶ 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	2.5 sec
• Option T2: GPIB	< 80 msec

Product specifications are subject to change at any time without prior notice
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