DAZZLER™ U45-WB-650-1100/T1
DAZZLER™ U45-WB-650-1100/T2
Specifications

ULTRA WIDE BAND 650nm-1100nm DAZZLER™

PROGRAMMABLE AMPLITUDE AND PHASE FILTER FOR FEMTOSECOND LASER PULSE SHAPING

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

3dB Instantaneous bandwidth	From 650nm up to 1.1 micron
Spectral resolution @ 800 nm	0,4 nm
Number of programming points on 450 nm bandwidth	1125
Intensity control dynamic range	> 45 dB
Maximum programmable delay	> 6 psec
Efficiency* (for repetition rates lower than 7 KHz)	
on 100nm bandwidth	> 70%
on 300nm bandwidth	> 50%
on 450nm bandwidth	> 20% (goal 30%)

*: 30% reduction of efficiencies for 10KHz operations

Optical power limit	100 MW/cm²
Dimension of crystal module	50 x 100 x 20 mm³
Typical acoustic waveform refreshing time	
Option T1: USB	2.5 sec
Option T2: GPIB	< 100 msec

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