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EDFL-Pico

Key Features

- Smallest form fact all-fiber pico-second fiber laser, 71 x 43 x 12 mm & 90 x 70 x 15mm
- Self-start passive mode locked fiber laser at 1560 nm (typical)

Applications

- Seed laser to pico-second or femto-second high power laser system

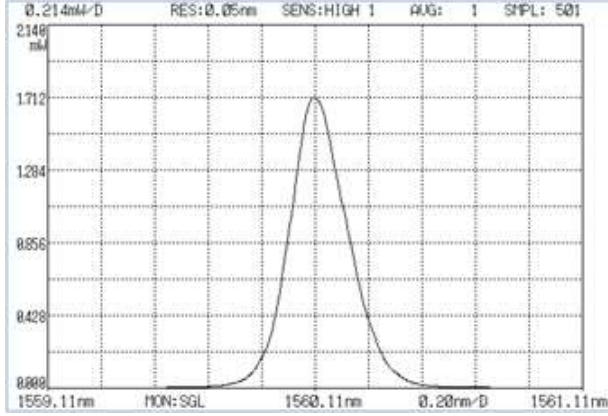
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Categories: CW (<https://www.nuphoton.com/product-category/lasers/cw/>), Lasers (<https://www.nuphoton.com/product-category/lasers/>)

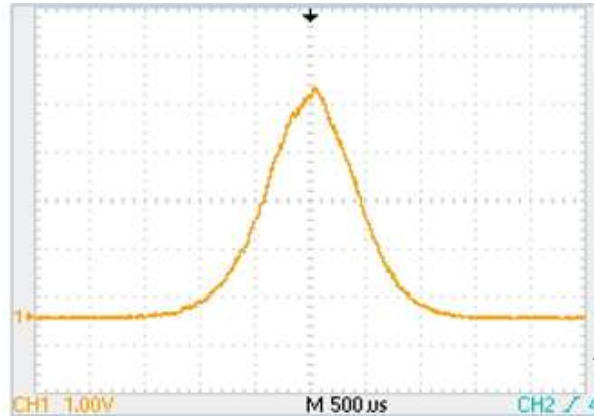
Specifications

Description

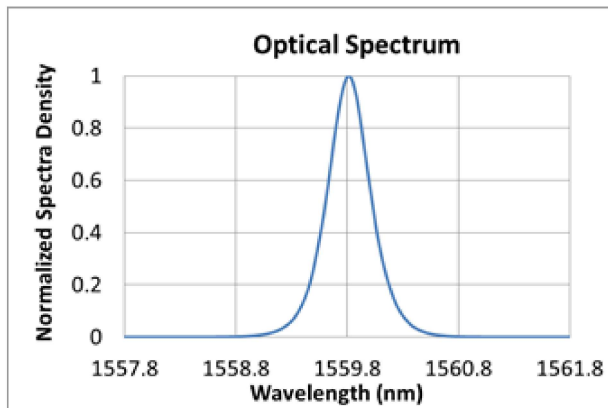
Model Number	EDFL-Pico-1560-25-50-FCA	EDFL-Pico-1560-6-35-FCA	EDFL-Pico-1560-4.5-35-FCA
Center Wavelength [nm]	1560	1560	1560
Pulse Width [ps]	25	6	4.5
Pulse Repetition Rate [MHz]	50	35	35
Laser Output Power [mW]	≥ 5	≥ 6	≥ 8
Polarization	Linearly Polarized	Linearly Polarized	Linearly Polarized
Laser Output Termination	PM-FC/APC	PM-FC/APC	PM-FC/APC
Output Beam Quality	Single-Mode	Single-Mode	Single-Mode
Operation Temperature [°C]>	+10 to +40	+10 to +40	+10 to +40
Input Voltage [VDC]	+5 or +3.3	+5 or +3.3	+5 or +3.3
PC Communication Interface	RS232	RS232	RS232



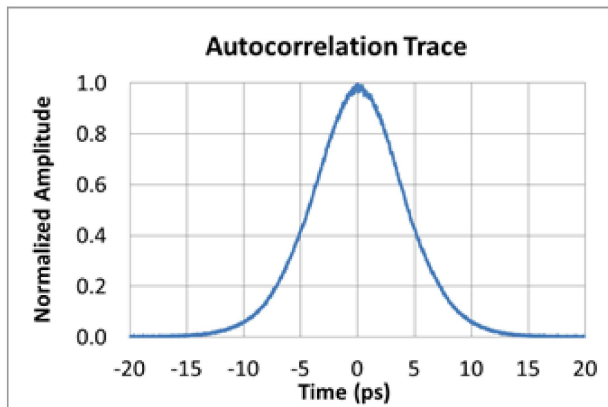
Optical Spectrum of 25 ps fiber laser



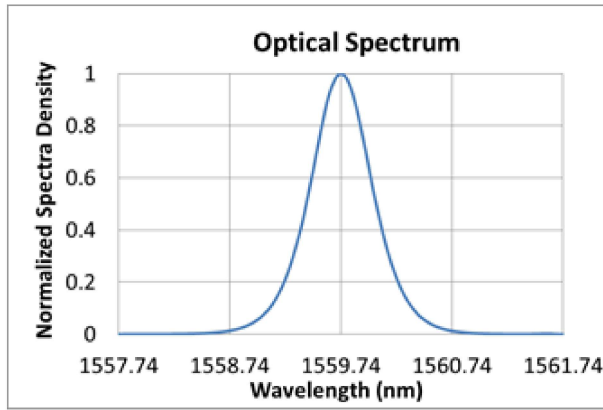
Autocorrelation Trace for a Pulse Width of 25 ps



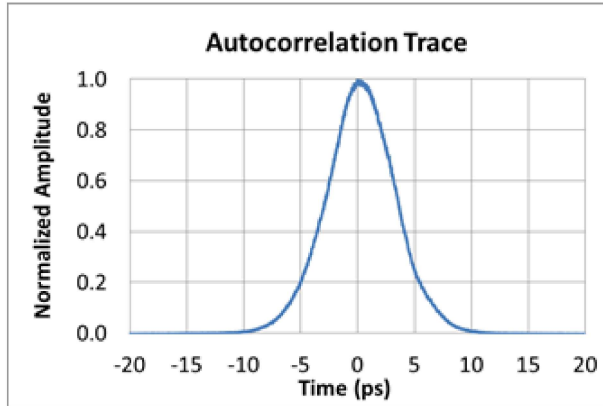
Optical Spectrum of 6 ps fiber laser



Autocorrelation Trace for a Pulse Width of 6 ps

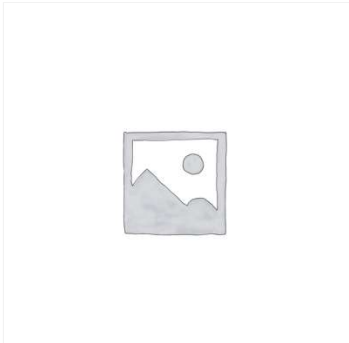


Optical Spectrum of 4.5 ps fiber laser



Autocorrelation Trace for a Pulse Width of 4.5 ps

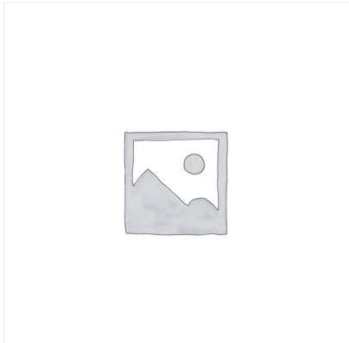
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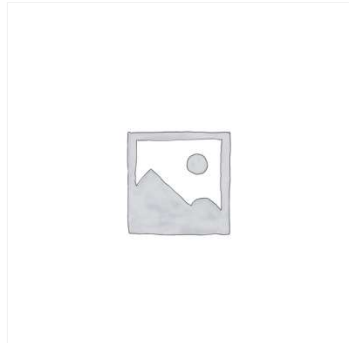
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