

Compact Femtosecond Pulsed Fiber Laser

PFL-200

- Carbon nanotube (CNT) passively mode-locked fiber laser
- CNT saturable absorber: enhances reliability & life-time
- All-PM-fiber configuration provides ultra-high stability

1560nm

570fs

40MHz

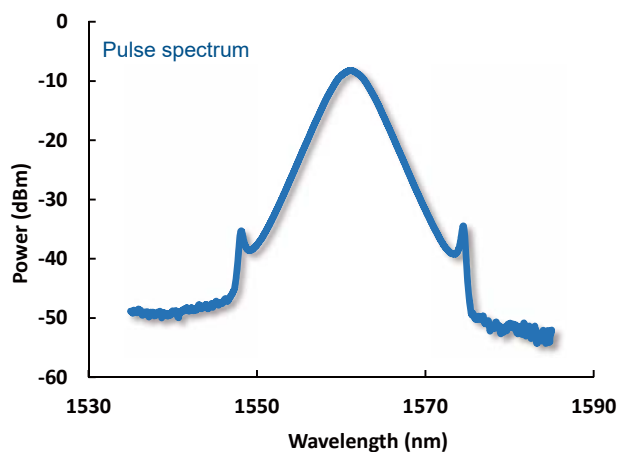
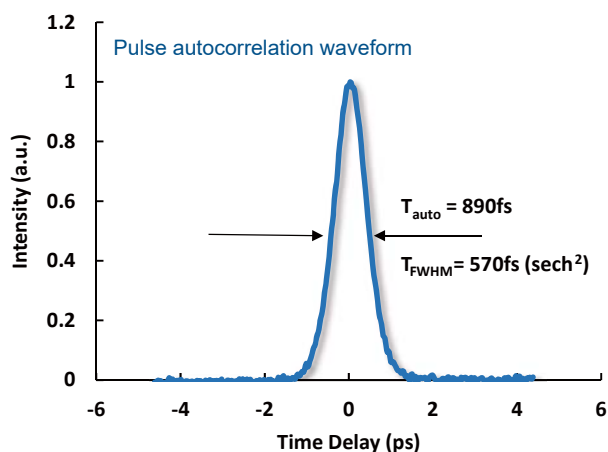


Module Type



Benchtop

Typical Performance



Specifications

	min.	typ.	max.	unit
Average power	2.5	3.2		mW
Peak power		140		W
Center wavelength	1555	1560	1565	nm
Spectral width		4.5		nm
Pulse width		570	800	fs
Repetition rate	35	40	45	MHz
Polarization extinction ratio (PER)	17	23		dB
Optical fiber	PMF			
Optical connector	FC or SC, SPC or APC			
Operating temperature		+15 ~ +35		°C
Storage temperature		0 ~ +60		°C
Power supply	module	DC 5 V, 1 A		
	benchtop	AC 100-240, (50 / 60 Hz)		V
Dimension (W x H x D)	module	90 x 15 x 70		mm
	benchtop	236 x 88 x 405		mm
Weight	module	0.5		kg
	benchtop	3		kg

The above specifications may change without prior notice.

Ordering Information

PFL - 200 -

Package Type	Connector Type	
M : Module	FS : FC/SPC	SS : SC/SPC
B : Benchtop	FA : FC/APC	SA : SC/APC

