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

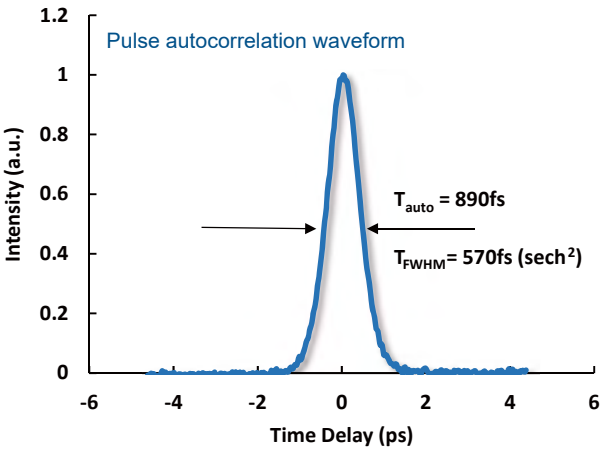


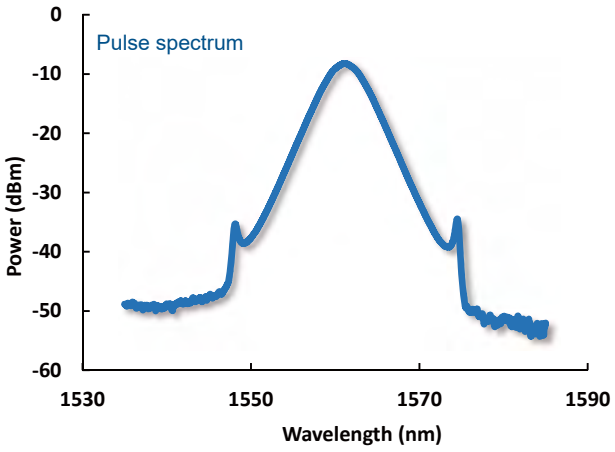
Module Type



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



Sales: contact@cybel-llc.com | Web: www.cybel-llc.com | 62 Highland Ave., Bethlehem, PA 18017, USA | Tel: +1 (610) 691-7012