

Data sheet:

**Compact turn-key amplified femtosecond mode-locked fiber laser
CNT-1550-A series**

The CNT-1550-A compact femtosecond fiber laser is an amplified system based on a mode-locked oscillator using fiber taper embedded in carbon nanotube saturable absorber (FTCNT SA). Femtosecond pulses are delivered at a flip of a switch.

Established telecom components are used to make the laser highly stable and low cost.
Typical pulse duration is <100fs at >100mW average power

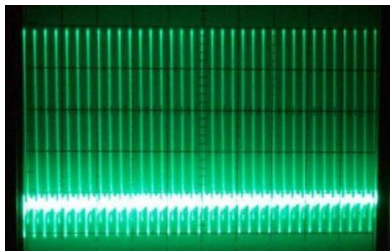
Key features:

- ✓ Very compact size:
- ✓ Low cost
- ✓ Typical pulse duration: <100fs



Applications:

- ✓ Supercontinuum generation
- ✓ Precision frequency measurement
- ✓ Teaching labs...



Laser output pulse train

Parameter	Specification		
	Min.	Typ.	Max.
Output power		>100mW	
Center wavelength		1560nm	
Spectral bandwidth		>30nm	
Pulse duration		<100fs	
Repetition rate		10-100MHz (fixed)	
Operation temperature	15C	25C	40C
Dimensions		180x120x60 mm	

Note: The specifications are subjected to change without prior notice.
Please contact Kphotonics for more details.

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