



FL-1550-S/1uW-10mW

SPECIFICATIONS

ALL FIBER PULSED LASER

High frequency all fiber pulsed laser at 1550nm is made features of high peak power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in laser radar, optical fiber sensing, life science, microelectronics, scientific research, optical simulation, etc.



Wavelength (nm)	1550±1
Operating mode	Pulsed
Peak power (mW) ¹	1uW-10mW (fixed)
Power stability (rms, 4 hours ±3°C)	<3%, <2%, <1%
Pulse duration (ns)	5ns-100ns (adjustable)
M ²	<1.2
Rep. rate	1Hz-100KHz, 1Hz-10MHz (adjustable)
Fiber connector ²	FC/APC, Collimator optional
Fiber length (m) ³	1
Fiber jacket	PVC, Metal optional
Beam diameter (mm) ⁴	4±1 (Collimator output)
Polarization ratio (dB)	Random / >15
Warm-up time (minutes)	<5
Cooled method	Conduction
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated)	POWER SUPPLY (100-240VAC) optional
191(L)×130(W) ×25(H) mm³, 1kg	350(L)×185(W) ×60(H) mm³, 0.7kg

1 Fixed peak power. 2 Other output mode can be customized. 3 Other lengths are available on request. 4 Other beam diameter can be customized.

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068