

1064 nm Picosecond All Fiber Pulsed Laser

Model #: FL-1064-PS

Description: Picosecond all fiber pulsed laser at 1064nm with SESAM technique features high output power stability, good beam profile, ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in laser radar, precision marking, precision drilling, life science, precision etching, military defense, microelectronics, scientific research, etc.

- Passively Mode Locked
- <2 or 10 ps short pulse duration
- Small form factor
- High power stability
- Stable and reliable product quality

Specifications

Wavelength (nm)	1064 ± 1				
Operation Pattern	Passively Mode Locked				
Output Power (mW)	1	20	100	1000	2000
Power Stability (rms, over 4 hours)	< 1% or <3%			<0.5%, 1%, or 3%	
Pulse Width (ps)	<2, or 10				
Transverse Mode	TEM00				
M ² Factor	<1.2				<1.5
Pulse Repetition Rate (MHz)	One fixed value between 20-80 (±1)				
Polarization Extinction Ratio (dB)	Random or >15				
Delivery Cable Length (m)	Variable				
Warm Up Time (min.)	<15				
Power Supply	5VDC				
Operating Temperature (C°)	10 ~ 35				
Dimension (mm)	303 (L) x 212 (W) x 95 (H)				
Expected Lifetime (hours)	10000				
Warranty Period	1 year				

Laser Dimension

