

FL-355-Pico/1-50mW

PICOSECOND ALL FIBER PULSED LASER

Picosecond all fiber pulsed laser at 355nm is made features of high output power stability, good beam profile, ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, laser processing, and so on.



SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	Pulsed
Average power (mW) ¹	1-50@5MHz
Power stability (rms, 4 hours ±3°C)	<5%, <3%
Pulse duration (ps) ²	100-900
M ²	<2
Rep. rate ³	100kHz-20MHz
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Warm-up time (minutes)	<15
Beam height from base plate (mm)	40
Delivery fiber length(cm)	60
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated)			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Third harmonic		
<p>324(L)×282(W)×109.5(H) mm³, 8.5 kg</p>	<p>350(L)×185(W)×60(H) mm³, 2.5kg</p>	<p>Third harmonic FL-1064-Pico</p>	<p>350(L)×185(W)×60(H) mm³, 0.7kg</p>

1 The output power was measured at 5MHz, the value varies with different frequency.

2 One fixed value between 100-900ps;

3 One fixed value between 0.1-20MHz. Repetition rate 0.1-20MHz variable or other frequency can be customized.