

Temperature Stabilized SM Fiber Output LD Light Source FOLS-02



FOLS-02 is SM fiber output LD light source with SM output fiber, LD chip, TEC, driving circuit and power supply.

375nm ~ 1550nm wavelength region can be selected for each application.

Output power is 1mW ~ 10mW CW.

Pulse emission is achieved with external TTL trigger input.

LD module inside is temperature controlled for stable power and wavelength operation.

Property

- Fiber output for easy use
- Ultra-violet, visible and infra-red
- 1mW~10mW output
- Stable power and wavelength operation
- Pulse emission with external TTL trigger input

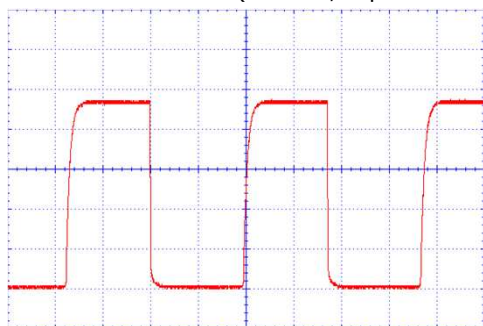
Application

- Exciting source for fluorescence experiment
- Evaluation of PD, PMT, fiber, optical components
- Alignment of Optical system
- Spectral analysis
- Optical sensing

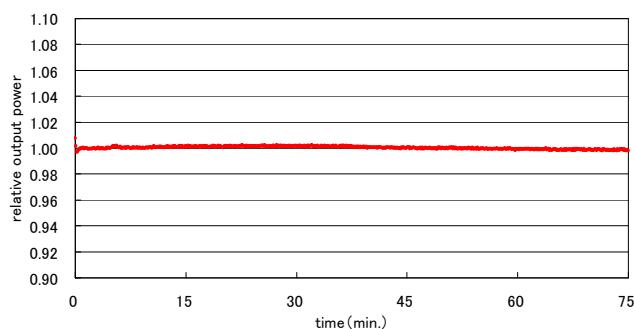
Specifications

peak wavelength(nm)	375	405	445	473	488	532	638	660	780	850	980	1060	1310	1550	1770
tolerance(nm)	±5	±5	±5	±5	±5	±1	±10	±10	±10	±10	±10	±10	±10	±10	±30
maximum output power(mW)	1	1	10	5	10	2	5	10	10	10	10	10	10	10	3
power stability(%)	±1	±1	±1	±1	±1	±5	±1	±1	±1	±1	±1	±1	±1	±1	±1
MFD(um)	2.9	2.9	2.9	3.5	3.5	3.5	4.0	4.0	5.0	5.0	4.2	4.2	9.0	9.0	9.0
NA	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.13	0.13	0.13
device	SM fiber coupled FP-LD (532nm:DPSS)														
fiber length	>70cm														
output connector	FC/PC														
driving and control	ACC and temperature control (532nm:APC and temperature control)														
pulse mode	TTL input(high-on) maximum repetition>1kHz except 532nm														
power supply	AC100-240V 50/60Hz 0.2A														
dimension(mm)	60(W)x50(H)x120(D) /400g														

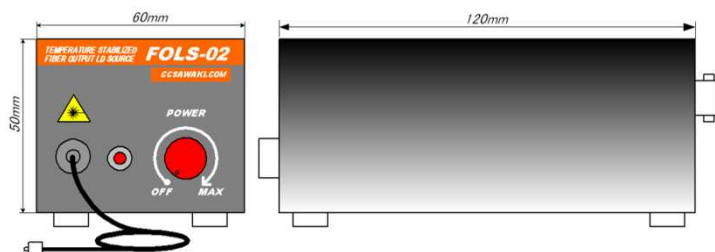
Pulse Emission(850nm, repetition 1kHz)



Power Stability(850nm10mW, under room temperature)



External Dimension



LASER Safety Label

