

### Features

- \* All-fiber technology
- \* Up to 10W optical output power
- \* 1060nm or 1550nm (eye-safe) wavelength
- \* High output power stability
- \* Collimated output beam
- \* Maintenance free
- \* Compact package
- \* No water cooling

### Applications

- \* Laser marking
- \* LIDAR
- \* Instrumentation
- \* Sensing

### Description

SDO FLM series are high-power fiber laser modules operating around 1.06 $\mu$ m and 1.5 $\mu$ m wavelengths. Based on proprietary all-fiber technology, they have been designed as a robust, compact, and reliable laser sources with actively air-cooled and maintenance-free operation.

The FLM laser modules are useful in a variety of marking systems, military, research, and medical applications. With built-in controlled electronics, these laser modules can be effectively controlled and monitored by RS232 interface.



## Specifications

Optical Information		Unit	Description	
Mode of Operation			CW	
Center Wavelength		nm	1064±5	1550±5
Total Output Power	Max.	W	10	5
Output Power Tunability		%	10~100	
Output Power Stability	Max.	%	3	
State of Polarization			Random	
Electrical Information				
DC Voltage		V	+5	
Environmental and Mechanical Information				
Operating Case Temperature		°C	0 ~ 50	
Storage Temperature		°C	-20~60	
Relative Humidity (non-condense)		%	5~85	
Physical Dimension		mm	210x185x38	

