

High Power Multimode Laser Source

(up to 10W output power)

Features

- Low Cost
- High Stability
- High Reliability
- All-fiber Construction
- High Output Power

Product Description

Photonwares 808nm / 1064nm / 1550nm fiber-coupled lasers provide CW and modulated high optical power up to 10W. They are all fiber high reliability construction. Optional remote control is available. The laser source is configured as a turn key unit with build-in feedback power stabilization controller.

Photonwares also provide customers design. We provide output beam collimator, as well as wavelength stabilization choices.



Performance Specifications

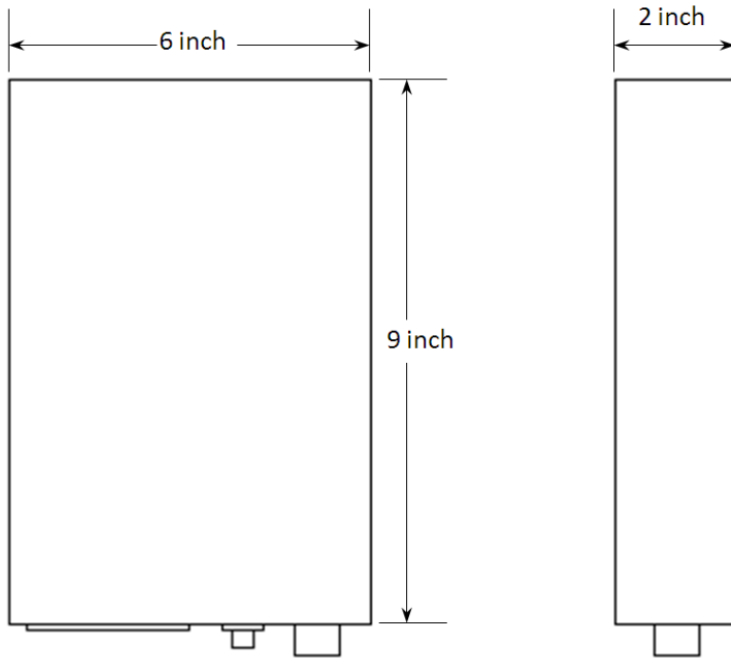
808nm fiber-coupled laser source	Min	Typical	Max	Unit
Central Wavelength	803	808	813	nm
	1045	1064	1085	
	1530	1550	1570	
Output Power	1		10	W
Output Power Adjustment Range	1		100	%
Spectral Width (FWHM)			2	nm
Option Mode		CW		
Stability of Output Power(2h) *			3.0	%
Fiber numerical aperture		0.22		
Operating Temperature	0		40	°C
Storage Temperature	-40		85	°C
Power Supply		110/220		VAC

* The output power stability is measured under 25°C, 5 minutes after warm-up:

Applications

- Scientific research
- Test and measurement
- Biomedical
- Instrument

Mechanical Dimensions (Unit: mm)



*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Ordering Information

HMFL-	Type	Wavelength	Power	Package	Fiber Type	Fiber Length	Connector	
<input type="checkbox"/>	CW=1 Modulated=2 Special=00	808=1 1064=2 1550=3 Special=0	1W = 01 2W = 2W 5W = 5W 10W=10 Special = 00	Module =1 Benchtop Turn Key =2 Special=0	Core size 100µm =1 200µm = 2 400µm = 3 600µm = 4 Special=0	2 mm Jacket=2 900µm tube=3 Special=0	0.5m=1 1.0m=2 1.5m=3 Special=0	None=1 FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 ST/PC=6 LC=7 Special=0