

445nm~450nm 1W Multi-mode Fiber Coupled Laser System | Laser Source | APC Function Optional  
445nm| MMF| Pigtail Turnkey Laser Source|1W Output Power| High Stability| TTL and Analog Modulation

## 445nm 1W Multi-mode Fiber Coupled Laser Source

### Features:

- 445nm
- With 50um UV Fiber
- Built-in TEC Cooling
- Output Power Adjustable
- TTL / Analog Modulation Optional
- APC Function Optional
- High Stability
- Long Lifetime



WAVESPECTRUM offer the **Turn-key Fiber Coupled Laser System**, the Wavelength is form 375nm to 1550nm, the Fiber Type can be **SM Fiber**, **PM Fiber** and **MM Fiber**. The Output Power is from 1mW to 50W. The Typical Wavelength is below:

375nm,405nm,445nm,488nm,520nm,532nm,635nm,650nm,660nm,670nm,685nm,785nm,808nm,830nm, 850nm,880nm,905nm,915nm,940nm,980nm,1064nm,1310nm,1450nm, 1470nm and 1550nm etc.

Our **Laser System** includes the **Fiber Coupled Laser Module**, **Power Supply** and **TEC Cooling System**. It is easy to use and with **High Reliability**, **High Stability**, **Long Lifetime**. The Laser System have passed the **ROHS** and **CE** Certification,

WAVESPECTRUM also offer the Customized Laser System, such as **Dual-Wavelength Laser System**, **Tri-Wavelength Laser System** and **Fiber Detachable Laser System**.

More information Please visit our website: [en.wavespectrum-laser.com.cn](http://en.wavespectrum-laser.com.cn)



Wavespectrum Laser, Inc.  
[www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)  
[wavespectrumlaser@gmail.com](mailto:wavespectrumlaser@gmail.com)



Specification		WSLS-445-001-M		
		Min	Type	Max
Optical data	Wavelength	440nm	445nm	460nm
	Output Power	0~1W adjustable		
	Spectral Width		2nm	
Fiber data	Fiber core	50um		
	Fiber detachable	Optional		
	Fiber type	Multi-mode		
	Fiber Length	>80cm		
	Connector	FC/SMA905		
Control data	Operation mode	CW		
		TTL Modulation (optional)		
		Analog Modulation (optional)		
	Power stability	1%	----	3%
	Noise (10Hz~100MHz)	0.5% rms	1% rms	
	APC Function	Auto Power Control Function optional		
	Cooling Way	Built-in TEC cooling		
Environmental Conditions	Operation Temp	0~40℃		
	Storage Temp	-20~55℃		
Power supply	AC (Standard)	90V~240VAC, 50~60Hz		
	DC (Optional)	+5V		
Accessory	Collimator	Optional		
	Laser Safety Goggles	Optional		

