

445nm~450nm 30mW~40mW Polarization maintaining Fiber Coupled Laser System | PM Fiber| APC Function
445nm| PMF| Pigtail Turnkey Laser Source| 30mW Output Power| High Stability| TTL and Analog Modulation

445nm 30mW PM Fiber Coupled Laser Source

Features:

- 445nm
- Polarization maintaining 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 from 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



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Specification		WSLS-445-030m-PM		
		Min	Type	Max
Optical data	Wavelength	$\pm 3\text{nm}$	450nm	$\pm 10\text{nm}$
	Output Power	0~30mW adjustable		
	Spectral Width		2nm	
	M2	<1.3		
	Beam type	Gaussian		
Fiber data	Fiber core	3 μm		
	Numerical Aperture	0.12		
	Fiber type	Polarization Maintaining Fiber		
	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		

