

445nm(440nm~460nm) Fiber Coupled Diode Laser System with PM Fiber

445nm Turnkey Polarization Maintaining Fiber Coupled Diode Laser System

0~15mW Adjustable|4um UV PM Fiber|TEC Cooling|Small Size|High Stability

SM 445nm Fiber Coupled Diode Laser System

Wavespectrum Laser, Inc

Features:

- 445nm
- 4um PM Fiber
- High Power Stability
- High Temperature Stability
- Built-in TEC Cooling
- Output Power adjustable
- CW/TTL Mode optional
- Easy to use



Specifications

WSLS-445-015m-PM

	Min	Type	Max
Center Wavelength@25℃	440nm	445nm	460nm
Output Power adjustment range	0~15mW		
Fiber Core	4um PM Fiber		
Long Term Power Stability	----	1%	3%
Temperature Stability	----	0.01℃	----
Noise (p-p) (10Hz to 20MHz)	----	2%	----
RMS Noise (10Hz to 20MHz)	----	0.2%	----
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
DC Power Supply	5V±0.1V, Ripple<25mVp-p, < 2A		
TTL modulation	Optional		
Operating Temperature	0~+50℃		
Cooling	TEC Cooling		



光技術をサポートする

株式会社オプトサイエンス

<http://www.optoscience.com>

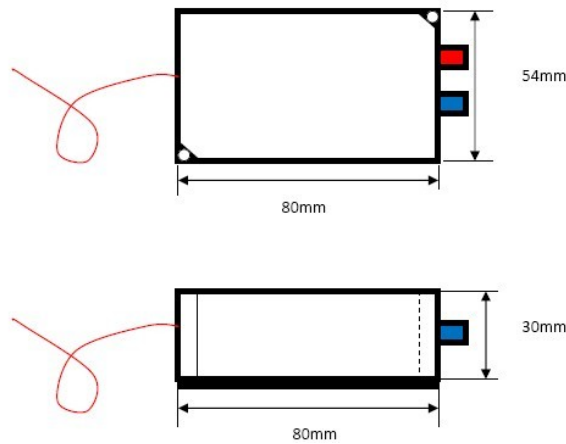
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Dimension (Unit: mm)



Interface Overview



Laser Safety

High powered laser module emit radiation in the visible and infrared region of the spectrum. When in use, safety pre-precautions should be taken, to avoid possibility of eye damage. if any part of the body is exposed to the beam. The eye is extremely sensitive to the infrared radiation and therefore, proper eyewear must be worn at all times.

Caution
 On operation, If optical connectors are unterminated, modules can emit invisible laser radiation. Radiation emitted by laser devices can be dangerous to the eyes. Avoided eye or skin exposure to direct or scattered radiation

