
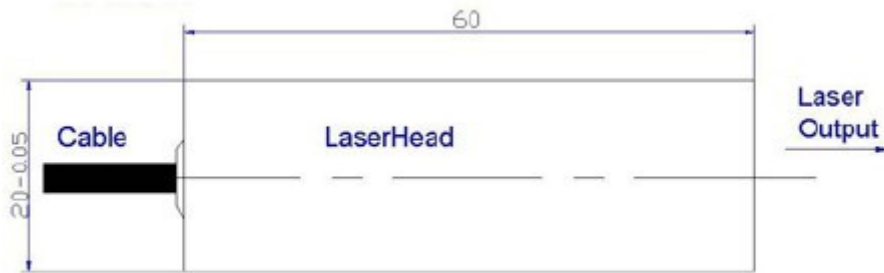


## 445nm~450nm 500mw Fiber Coupled Laser Diode Module

445nm Pigtailed Diode Laser		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	5.0	V
Operating Temperature	$T_{op}$	0 ~ +30	°C
Storage Temperature	$T_{stg}$	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>445nm</li> <li>UV MM Fiber</li> <li>Coaxial Package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Printing</li> </ul>			
<b>Specifications</b>	<b>WSLP-445-500m-M</b>		
	Min	Type	Max
Center Wavelength@25°C	440nm	----	455nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	400mW	----	500mW
Fiber Core	40um、50um、60um、105um optional		
Slope Efficiency	0.8mW/mA	----	1.8mW/mA
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	150mA	----	300mA
Operating Current (Typ.)	----	1A	1.2A
Operating Voltage	4V	----	6V
Package Style	Coaxial		



## Package View



Electrically shorten LD module and store in non-extreme conditions.  
Suggest using the constant current power supply.



Please contact us:

Website: [www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)(for more detailed information)

Email:[info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com) (for inquiry about this product)

